

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS ☒ WATER SANDS LOCATION INSPECTED SUB REPORT abd.

930319 Oper. Nm. to Equitable Res. Energy, Balcron Oil Div. 9-7-94 CB
 Confidential Status Expired 12-30-94

DATE FILED 9-17-92

LAND, FEE & PATENTED

STATE LEASE NO

PUBLIC LEASE NO

U-017985

INDIAN

DRILLING APPROVED 9-21-92

SPUDDED IN 10-2-93

COMPLETED 11-20-93 POD PUT TO PRODUCING 11-20-93

INITIAL PRODUCTION:

30 BOPD, 120 MCF,

GRAVITY API:

34

GOR:

10

PRODUCING ZONES

4718-5498 (GRRV)

TOTAL DEPTH:

5110'

WELL ELEVATION:

5681 GR

DATE ABANDONED:

FIELD:

CASTLE PEAK

UNIT

COUNTY:

DUCHESNE

WELL NO

BALCRON MONUMENT FEDERAL #32-15

API NO. 43-013-31368

LOCATION

1868' FNL FT. FROM (N) (S) LINE.

1993' FEL

FT. FROM (E) (W) LINE.

SW NE

1/4 - 1/4 SEC 15

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				9S	16E	15	Equitable Res. Energy BALCRON OIL Div.

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humburg
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Haigate Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
2nd Garden Gulch	Dakota	Park City	McCracken
Douglas Creek	Burro Canyon	Rico (Goodridge)	Aneth
R-15	Cedar Mountain	Supai	Simonson Dolomite
G-1	Buckhorn	Wolfcamp	Sevy Dolomite
G-6	JURASSIC	CARBONIFEROUS	North Point
Carbonate Mx	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE-CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
b. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐
2. NAME OF OPERATOR
EQUITABLE RESOURCES ENERGY COMPANY
3. ADDRESS OF OPERATOR
P.O. Box 21017; Billings, MT 59104
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
1868' FNL, 1993' FEL SW NE
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.
U-017985
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
n/a
7. UNIT AGREEMENT NAME
n/a
8. FARM OR LEASE NAME
Balcron Monument Federal
9. WELL NO.
#32-15
10. FIELD AND POOL, OR WILDCAT
Castle Peak
Monument Butte/Green River
11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA
SW NE Sec. 15, T9S, R16E
12. COUNTY OR PARISH
Duchesne
13. STATE
UTAH

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 16 miles from Myton, UT. See EXHIBIT "B"
15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)
40 acres
16. NO. OF ACRES IN LEASE
40 acres
17. NO. OF ACRES ASSIGNED
TO THIS WELL
40
18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
5,610'
19. PROPOSED DEPTH
5,610'
20. ROTARY OR CABLE TOOLS
Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GL 5,681'
22. APPROX. DATE WORK WILL START*
January 1, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	260'	250 sx G w/3% CaCl
See attached	Drilling Program	for production casing.		

EXHIBITS

- "A" Proposed Drilling Program
"B" Proposed Surface Use Program
"C" Geologic Prognosis
"D" Drilling Program/Casing Diagram
"E" Evidence of Bond Coverage
"F" Archeology Report
"G" Rig Layout
"H" BOPE Schematic
"I" Location Site and Elevation Plat
"J" Existing Roads/Planned Access (Maps A & B)
"K" Existing Wells (Map C) OIL, GAS & MINING
"L" Drillsite Layout/Cut and Fill Diagrams

NOTE: In accordance with request by the Vernal BLM representative, only one copy of EXHIBIT "F" Archeology Report is included with this permit.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Robbie Schuman TITLE Coordinator of Environmental and Regulatory Affairs DATE 9-15-92
(This space for Federal or State office use)

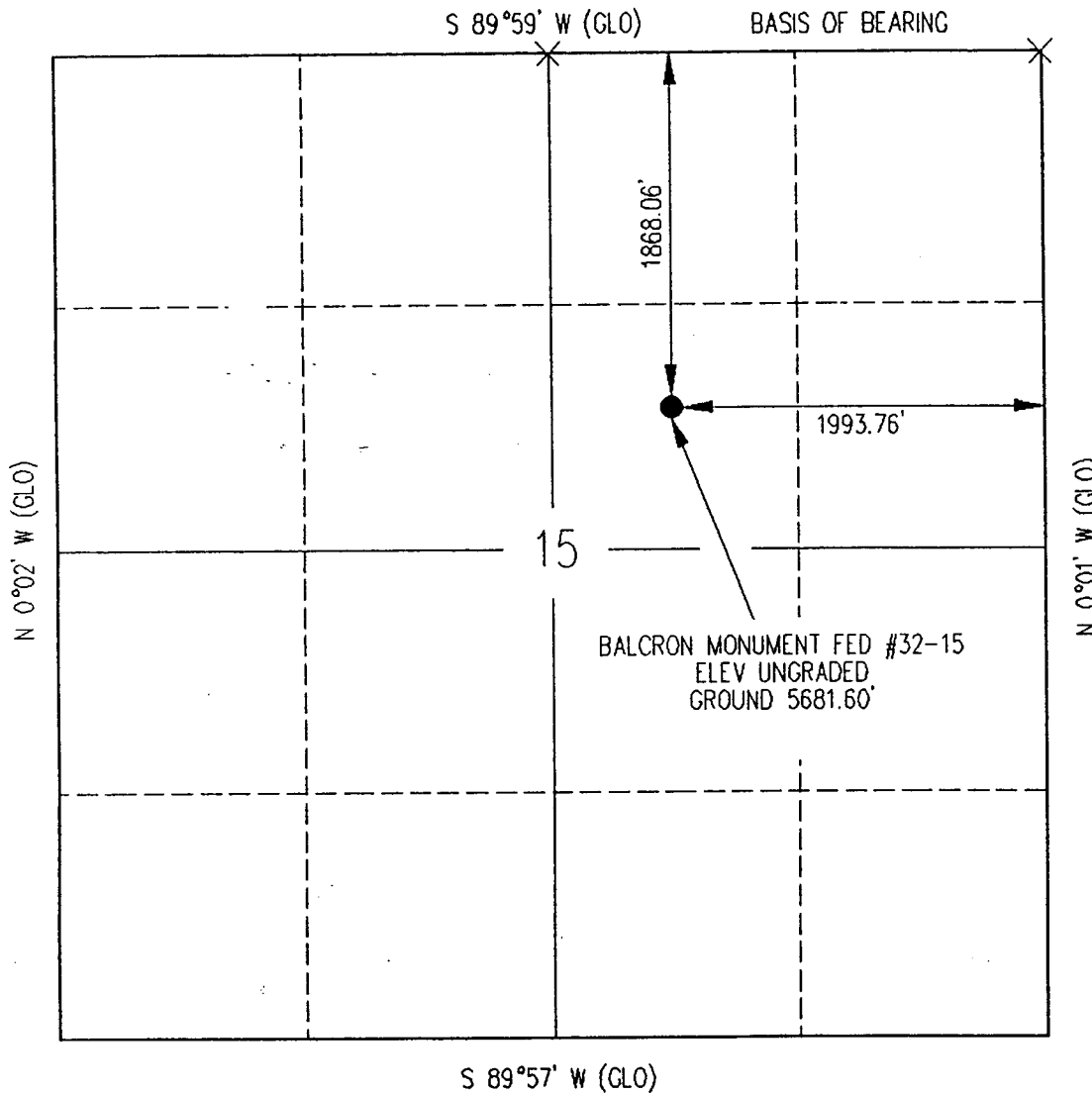
PERMIT NO. 43-013-31368 APPROVAL DATE 9-21-92
APPROVED BY Matthew DATE 9-21-92
CONDITIONS OF APPROVAL, IF ANY: BY Matthew
WELL SPACING: 649-3-2

*See Instructions On Reverse Side

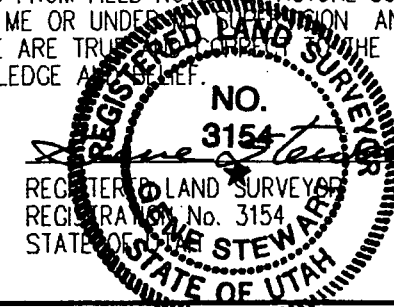
T9S, R16E, S.L.B. & M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FED #32-15,
LOCATED AS SHOWN IN THE SW 1/4 NE 1/4
OF SECTION 15, T9S, R16E, S.L.B. & M,
DUCHESNE COUNTY UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.C.S. 7-1/2 min QUAD (MYTON SOUTHEAST)

TRI STATE LAND SURVEYING & CONSULTING
38 EAST 100 NORTH, VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: SS KH
DATE: 7/28/92	WEATHER: CLEAR & HOT
NOTES:	FILE # M-32-15

"I"

EQUITABLE RESOURCES ENERGY COMPANY
Balcron Oil Division
Balcron Monument Federal #32-15
SW NE Section 15-T9S-R16E
Duchesne County, Utah

In accordance with requirements outlined in 43 CFR 3162-3.1 (d):

1. ESTIMATED IMPORTANT GEOLOGICAL MARKERS:

See Geologic Prognosis (EXHIBIT "C")

2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS OR WATER:

See Geologic Prognosis (EXHIBIT "C")

3. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

- a. EXHIBIT "H" is a schematic of the BOP equipment and choke manifold. A 2M system will be used. The BOPE will be installed after setting 8-5/8" casing at 260'. The blind rams and pipe rams will be tested to 1500 psi. Pipe rams will be operationally checked each 24-hour period and blind rams each time pipe is pulled out of the hole.
- b. The BOPE will be tested to 1500 psi when initially installed, whenever any seal subject to test pressure is broken, and following related repairs. The pipe and blind rams will be activated at least weekly and on every trip the pipe and blind rams will be activated.
- c. An accumulator of sufficient capacity to open the hydraulically-controlled choke valve lines (if so equipped), close all rams, and retain a minimum of 200 psi above precharge on the closing manifold without the use of the closing unit pumps will be installed during the drilling of this well.
- d. An upper kelly cock will be used during the drilling of this well.
- e. Visual mud monitoring equipment will be used to detect volume changes indicating loss or gain in circulating fluid volume.
- f. Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control.

4. PROPOSED CASING AND CEMENTING PROGRAM:

- a. Surface casing will be set in the Duchesne River formation to approximately 260' and cemented to surface.
- b. All potentially productive hydrocarbon zones will be isolated.
- c. Casing designs are based on factors of burst: 1.25, collapse: 1.125, and joint strength: 1.8.
- d. All casing strings will be pressure tested to 0.22 psi/ft. of casing string length or 1500 psi whichever is greater (not to exceed 70% of yield).
- E. For details of casing, cement program, drilling fluid program, and proposed mud program, see the following two attachments:

Drilling Program/Casing Design (EXHIBIT "D")
Geologic Prognosis (EXHIBIT "C")

5. HAZARDOUS PRESSURES, TEMPERATURES, FLUIDS/GASSES EXPECTED:

- a. Expected bottom hole temperature is 125 degrees F. Expected bottom hole pressure is 1500 psi.
- b. No abnormal pressures or temperatures have been noted or reported in wells drilled to the Green River formation in this area.
- c. No dangerous levels of hydrogen sulfide, hazardous fluids, or gasses have been found, reported, or known to exist at the depth to be drilled in this well, in this area.

6. ANTICIPATED STARTING DATE AND DURATION OF OPERATIONS:

- a. The drilling operations for this well will begin as soon as the BLM approves this APD.
- b. These drilling operations should be completed within 12 days after spudding the well depending on weather and hole conditions.
- c. If the well is productive, a sundry notice and plat showing exact installed facilities will be submitted.
- d. If this well is non-productive, a sundry notice will be filed with the BLM District Office within 30 days following completion of the well for abandonment.

Multi-Point Surface Use and Operations Plan

EQUITABLE RESOURCES ENERGY COMPANY
BALCRON OIL DIVISION
BALCRON MONUMENT FEDERAL #32-15
SW NE Section 15, T9S, R16E
DUCHESNE COUNTY, UTAH

1. Existing Roads: Refer to Maps "A" & "B" (shown in RED)

- A. The proposed well site is staked and four reference stakes are present. 200' & 250' West and 175' & 225' South
- B. The Monument Federal #32-15 is located approximately 16.6 miles Southwesterly of Myton Utah, in the SW1/4 NE1/4 Section 15, T9S, R16E, SLB&M, Duchesne County, Utah. To reach the 32-15, proceed West from Myton, Utah along U.S. Highway 40 for 1.6 miles to the junction of this highway and Sand Wash road; Proceed South along the Sand Wash road approximately 9.3 miles to an intersection with Monument Butte Gas Plant road. Proceed West along said Gas Plant road 3.0 miles to road intersection, turn left and continue 2.3 miles, turn left and proceed 0.4 miles to Balcron well #32-15.
- C. Access roads - refer to Maps "A" and "B".
- D. Access roads within a one-mile radius - refer to map "B".
- E. The existing roads will be maintained in the same or better condition as existed prior to the commencement of operations and said maintenance will continue until final abandonment and reclamation of the well location.

2. Planned Access Roads: Refer to Map "B" (shown in GREEN)

No new access road construction is planned for access to the proposed well location.

- A. Width - None

- B. Construction standard - None
- C. Maximum grade - None
- D. Turnouts - None
- E. Drainage design - None
- F. Culverts, cuts and fills - None
- G. Surface materials - None
- H. Gates, cattleguards or fence cuts - none required.
- I. Road maintenance - during both the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing, and will also be maintained in accordance with the original construction standards. The access road right-of-way will be kept free of trash during operations.
- J. The proposed access road has been centerline flagged.

3. Location of Existing Wells Within a One-Mile Radius:

Please Refer to Map "C"

- A. Water wells - none known.
- B. Abandoned wells - see Map "C"
- C. Temporarily abandoned wells - none known.
- D. Disposal wells - none known.
- E. Drilling wells - none known.
- F. Producing wells - see Map "C".
- G. Shut-in wells - none known.
- H. Injection wells - none known.
- I. Monitoring wells - none known.

4. Location of Existing and/or Proposed Facilities Owned by Equitable Resources Energy Company Within a One-Mile Radius:

A. Existing

- 1. Tank batteries - see Map #B.
- 2. Production facilities - see Map #B.
- 3. Oil gathering lines - none.
- 4. Gas gathering lines - see Map #B.

B. New Facilities Contemplated

1. All production facilities will be located on the disturbed portion of the well pad and at a minimum of twenty-five (25) feet from the toe of the backslope or toe of the fill slope.
2. The production facilities will consist primarily of a pumping unit, Two tanks and an emergency pit. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via "Sundry Notice" (Form 3160-5) for approval of subsequent installation operations.
3. Production facilities will be accommodated on the existing well pad. Construction materials required for installation of the production facilities will be obtained from the site; any additional materials required will be purchased from a local supplier having a permitted (private) source of materials within the area.

A dike will be constructed completely around those production facilities which contain fluids (i.e. production tanks, produced water tanks and/or heater treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

4. All permanent (onsite for six months or longer) above the ground structures constructed or installed including pumping units) will be painted Desert Brown. All production facilities will be painted within six (6) months of installation. Facilities required to comply with Occupational Health and Safety Act Rules and Regulations will be excluded from this painting requirement.
- C. The production (emergency) pit will be 12'x12' and will be fenced. Said fence will be maintained in good condition.
- D. During drilling and subsequent operations, all equipment and vehicles will be confined to the access road right-of-way and any additional areas as specified in the approved Application for Permit to Drill.
- E. Reclamation of disturbed areas no longer needed for operation will accomplished by grading, leveling and seeding as recommended by the Bureau of Land Management.

For Pipeline:

- F. Any proposed pipelines will be submitted to the authorized officer Via Sundry Notice for approval of subsequent operations.
- G. Equitable Resources Energy Company shall be responsible for road maintenance from the beginning to completion of operations.

5. Location and Type of Water Supply

- A. Water to be used for the drilling of these wells will be hauled by truck over the roads described in item #1 and item #2, from a well owned by Owen Dale Anderson of Vernal Utah.
- B. No water well will be drilled on this location.

6. Source of Construction Materials

- A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads to the area. No special access other than for drilling operations and pipeline construction is needed.
- B. All access roads crossing Federal land are described under item #2, and shown on Map #A.

All construction material for these location sites and access roads shall be borrowed material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, if in the future it is required the appropriate actions will be taken to acquire it from private sources.

- C. All surface disturbance area is on B.L.M. lands.
- D. There are no trees on this location.

7. Methods of Handling Waste Materials:

- A. Cuttings - the cuttings will be deposited in the reserve pit.
- B. Drilling fluids - including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of

the reserve pit will be removed and disposed of at an approved waste disposal facility within ninety (90) days after termination of drilling and completion activities.

In the event adverse weather conditions prevent removal of the fluids from the reserve pit within this time period, an extension may be granted by the Authorized Officer upon receipt of a written request from Equitable Resources Energy Company.

The reserve pit will be constructed so as not to leak, break, or allow discharge. If at the time of construction it is determined to be necessary, the reserve pit will be lined with a plastic nylon reinforced liner.

- C. Produced fluids - liquid hydrocarbons produced during completion operations will be placed in test tanks on the location. Produced waste water will be confined to a lined pit (reserve pit) or storage tank for a period not to exceed ninety (90) days after initial production. During the ninety (90) day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with the required water analysis, shall be submitted for the Authorized Officer's approval. Failure to file an application within the time frame allowed will be considered an incidence of noncompliance.

Any spills of oil, gas, salt water or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

- D. Sewage - self-contained, chemical toilets will be provided for human waste disposal. Upon completion of operations, or as needed, the toilet holding tanks will be pumped and the contents thereof disposed of in the nearest, approved, sewage disposal facility.
- E. Garbage and other waste material - garbage, trash and other waste materials will be collected in a portable, self-contained and fully-enclosed trash cage during drilling and completion operations. Upon completion of operations (or as needed) the accumulated trash will be disposed of at an authorized sanitary landfill. No trash will be burned on location or placed in the reserve pit.
- F. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned up and removed from the well location. No adverse materials will be left on the location. Any open pits will be fenced during the drilling operation and the

fencing will be maintained until such time as the pits are backfilled.

- G. The reserve and/or production pit will be constructed on the existing location and will not be located in natural drainages where a flood hazard exists or surface runoff will destroy or damage the pit walls. All pits will be constructed so as not to leak, break, or allow the discharge of liquids therefrom.

8. Ancillary Facilities:

None anticipated.

9. Wellsite Layout:

- A. Plat #1 shows the drill site layout as staked. Cross sections have been drafted to visualize the planned cuts and fills across the location. An average minimum of six (6) inches of topsoil will be stripped from the location (including areas of cut, fill, and/or subsoil storage) and stockpiled for future reclamation of the well site. Refer to Figure #1 for the location of the topsoil and subsoil stockpiles. The reserve pit will be located on the NW corner, and the flare pit will be located downwind of the prevailing wind direction on the NE corner #6. No diversion ditches will be constructed.
- B. Plat #2 is a diagram showing the rig layout. No permanent living facilities are planned. There will be three (3) trailers on location during drilling operation.
- C. A diagram showing the proposed production facility layout will be submitted to the Authorized Officer via Sundry Notice (Form 3160-5) for approval of subsequent operations.
- D. The reserve pit will be constructed so as to be capable of holding 12,000 bbls. of fluid. The flare pit will be located downwind of the prevailing wind on the East side of location between corner #5 and corner #6, at least 100' from the wellhead and at least 30' from the reserve pit. This pit might be used for testing, but only after the drilling is completed and the drilling equipment and personnel are off the well site location.

The reserve pit will not be lined unless requested by the B.L.M. or unless it is deemed necessary by Equitable Resources. If a plastic-nylon reinforced liner is used, it will be torn and perforated after the pit dries and before backfilling of the reserve pit.

E. Prior to the commencement of drilling operations, the reserve pit will be fenced on three (3) sides using 39-inch net wire with one strand of barbed wire on top of the net wire. The net wire will be no more than two inches above the ground. the barbed wire will be three inches above the net wire. total height of the fence will be at least 42-inches.

1. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
2. Standard steel, wood, or pipe posts shall be used between the corner braces. The maximum distance between any two (2) posts shall be no greater than sixteen (16) feet.
3. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The fourth side of the reserve pit will be fenced immediately upon removal of the drilling rig and the fencing will be maintained until the pit is backfilled.

F. Any hydrocarbons on the pit will be removed from the it as soon as possible after drilling operations are completed.

10. Plans for Reclamation of the Surface:

The B.L.M. will be contacted prior to commencement of any reclamation operations.

A. Production

1. Immediately upon well completion, the well location and surrounding area(s) will be cleared of all debris, materials, trash and junk not required for production.
2. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
3. If a plastic or nylon reinforced pit liner is used, it shall be torn and perforated before backfilling of the reserve pit.
4. Before any dirt work to restore the location takes place, the reserve pit will be completely dry and all cans, barrels, pipe, etc. will be removed.

Other waste and spoil materials will be disposed of immediately upon completion of drilling and workover activities.

5. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed within one hundred twenty (120) days from the date of well completion, weather permitting.
6. If the well is a producer, Equitable Resources Energy Company will upgrade and maintain access roads as necessary to prevent soil erosion, and accommodate year round traffic. Reshape areas unnecessary to operations, distribute topsoil, disk and seed all disturbed areas outside the work area according to the recommended seed mixture. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

If the well is abandoned/dry hole, Equitable Resources Energy Company will restore the access road and location to approximately the original contours. During reclamation of the site, push the fill material into cuts and up over the backslope. Leave no depressions that will trap water or form ponds. Distribute topsoil evenly over the location, and seed according to the above seed mixture. The access road and location shall be ripped or dished prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.

Seeded will be prepared by dishing, then roller packing following the natural contours. Seed will be drilled on contours at a depth no greater than one-half inch (1/2"). In areas that cannot be drilled, seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed will be used whenever available.

Fall seeding will be completed after September 1 and prior to prolonged ground frost. Spring seeding, to be effective, will be completed after the frost has left the ground and prior to May 15th.

7. Upon completion of backfilling, leveling and recontouring, the stockpiled topsoil will be evenly spread over the reclaimed area(s). Prior to reseeding, all disturbed surfaces will be scarified and left with a rough surface. No depressions will be left that would trap water and form ponds. All disturbed

surfaces will be reseeded with the following seed mixture:

Pure Live Seed (PLS)

lbs./acre

1

5

4

2

Seed Mix

Forage Kochia (*Kochia prostrata*)

Ephriam Crested Wheatgrass
(*Agropyron cristatum* Ephriam)

Russian Wildrye (*Elymus junceus*)

Fourwing Saltbush
(*Atriplex canescens*)

Seed will be drilled on the contour to a approximate depth of one-half (1/2) inch. All seeding will be conducted after September 1 and prior to ground frost. Spring seeding will be done after the frost leaves the ground and no later than May 15. If the seeding is unsuccessful, Equitable Resources may be required to make subsequent seedings.

B. Dry Hole/Abandoned Location

1. On lands administered by the Bureau of Land Management, abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include:
 - (a) re-establishing irrigation systems where applicable,
 - (b) re-establishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and,
 - (c) ensuring revegetation of the disturbed areas to the specifications of the Bureau of Land Management at the time of abandonment.
2. All disturbed surfaces will be recontoured to the approximate natural contours and reseeded according to BLM specifications. Reclamation of the well pad and access road will be performed as soon as practical after final abandonment and reseeded operations will be performed in the fall or spring following completion of reclamation operations.

11. Surface Ownership:

The well site and proposed access road are situated on surface lands administered by

Bureau of Land Management
Vernal District Office
Vernal, Utah

12. Other Information:

- A. Topographic and geologic features of the area (reference Topographic Map #A) are:

The proposed drill site is located in the Monument Butte oil field, which lies in a large basin formed by the Uinta Mountains to the North and the Bookcliff Mountains to the South. The site is located approximately 15 miles Northwest of the Green River, which is the major drainage for this area, and approximately 11 miles South of Myton Utah.

This basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone, conglomerate deposits and shale are common in this area.

The geologic structures that are visible in the area are of the Uinta formation (Eocene Epoch) tertiary period and the cobblestone and younger alluvial deposits from the Quaternary period.

The soils in the semi-arid area of the Williams Fork Formation (Upper Cretaceous) and Wasatch Formation (Eocene) consist of light brownish gray clay (OL) to sand soil (SM-ML) type with poorly graded gravels.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a sandy clay (SM-ML) type soil to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

The flora of the area includes sagebrush, mountain

mahogany, serviceberry, rabbit brush, greasewood, four-wing saltbush, Gambel scrub oak, willow, tamarack, shadscale, Spanish bayonet, indian rice grass, cheatgrass, wheatgrass, curly grass, crested wheatgrass, sweet clover, gum weed, foxtail, mustard, Canadian thistle, Russian thistle, Kochia, sunflowers and cacti.

The fauna of the area includes cattle, horses, elk, deer, coyotes, rabbits, rodents, lizards, bull snakes, rattle snakes, water snakes and horned toads. Birds of the area are ground sparrows, bluejays, bluebirds, magpies, ravens, raptors, morning doves, swallows, nighthawks, hummingbirds, and chukar.

- B. The surface ownership is Federal. The surface use is grazing and petroleum production.
- C.
 - 1. The closest live water is the Green River which is approximately 15 miles Southwest of the proposed site.
 - 2. There are no occupied dwellings in the immediate area
 - 3. An archaeological report will be forwarded upon completion.
 - 4. There are no reported restrictions or reservations noted on the oil and gas lease.

13. Lessee's or Operator's Representative:

Balcron Oil
a division of Equitable Resources Energy Company
1601 Lewis Avenue
P.O. Box 21017
Billings, Montana 59104
(8:00 a.m. to 5:00 p.m.)
(406)259-7860
FAX: (406)245-1361

Dave McCoskery, Drilling Engineer Home (406)248-3864

Mike Perius, Operations Supervisor Home (406)656-9719

14. certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that any statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Balcron Oil, a division of Equitable Resources Energy Company, and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

September 15, 1992

Date

Bobbie Schuman

Bobbie Schuman
Coordinator of Enviromental
and Regulatory Affairs
BALCRON OIL division of
Equitable Resources Energy
Company

"C"

BALCRON OIL COMPANY

Geologic Prognosis

EXPLORATORY
DEVELOPMENT X

WELL NAME: Balcron Monument Federal #32-15 PROSPECT/FIELD: Monument Butte
LOCATION: 1868' FNL, 1993' FEL SECTION 15 TOWNSHIP 9S RANGE 16E
COUNTY: Duchesne STATE: UT GL(Ung): 5681 EST KB: 5691 TOTAL DEPTH 5610

FORM. TOPS:

Formation	Prognosis		Sample Top		Cnll Wl.	Formation	Prognosis		Sample Top		Cnll
	Depth	Datum	Depth	Datum			Depth	Datum	Depth	Datum	
KB											
Duchesne											
Green River	1382	4309			4264						
Horseshoe Bench	2090	3601			3556						
Douglas Creek	4550	1141			1096						
Pay 1	4728	963			918						
Pay 2	4883	808			763						
Pay 3	5194	492			447						
Wasatch Tongue	5411	280			235						
Pay 4	5438	253			208						
T.D.	5610										

CONTROL WELL: Castle Peak Fed. dir/dir NW/NE Section 15 Township 9S Range 16E
#31-15

SAMPLES:

_____, samples, _____, to _____
_____, samples, _____, to _____
_____, samples, _____, to _____
_____, samples, _____, to _____
_____, samples, _____, to _____
_____, samples, _____, to _____

Send Samples To:

Utah Geological Survey Sample Library

LOGS:

_____, DJL-SFI, from surface, to TD
_____, LDT-CNL, from surface, to TD
_____, _____, from _____, to _____
_____, _____, from _____, to _____
_____, _____, from _____, to _____
_____, _____, from _____, to _____
_____, _____, from _____, to _____

CONES:

none

DRILL STEM TESTS:

none

HUG LOGGER/HOT WIRE:

Required: (Yes/No) Yes
Type: 2 man unit

WELLSITE GEOLOGIST:

From _____ to _____
Name: _____ Tele. # (_____) _____
Address: _____

COMMENTS:

PREPARED BY: Keven Reinschmidt
R Steve VanDelinder

DATE: 8-10-92

**BALCRON OIL
DRILLING PROGRAM**

WELL NAME: Balcron Monument PROSPECT/FIELD: Monument Butte
 Federal # 32-15
 LOCATION: SE NE Sec 15 Twn 9S Rge 16E
 COUNTY: Duchesne STATE: Utah

TOTAL DEPTH: 5610'

HOLE SIZE INTERVAL

12 1/4" Surf to 260'
 7 7/8" 260' to 5610'

CASING	INTERVAL		CASING		
STRING TYPE	FROM	TO	SIZE	WEIGHT	GRADE
Surface	0'	260'	8 5/8"	24 #/FT	J-55
Production	0'	5610'	5 1/2"	15.50#/Ft	J-55

All casing will be ST&C, 8RD, New

CEMENT PROGRAM

Surface 250 sacks class "G" with 3% CaCl.
 (Note: Volumes are 100% excess.)

Production 250 sacks Haliburton Hifill with 10 #/SK
 Gilsonite tailed with 180 sacks 50/50 Poz with
 0.3% CFR-3, 1/4 #/Sk Flocele, 0.5% Halad-24, and
 10% salt.
 (Note: Actual volumes will be calculated from
 caliper log.)

**PRELIMINARY
DRILLING FLUID PROGRAM**

TYPE	FROM	TO	WEIGHT	PLAS. VIS	YIELD POINT
Fresh Gel/Native Mud	Surf	260	8.5	NA	NA
Water/Fresh Gel	260'	5610'	8.7-8.9	10-12	12-14

COMMENTS

1.) No cores or DSTs are planned .

DMM
 9-14-92

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: monument Fed. 32-15
Project ID: 1	Location: Utah

Design Parameters:

Mud weight (8.80 ppg) : 0.457 psi/ft
 Shut in surface pressure : 2004 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)		Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost	
1	5,610	5-1/2"	15.50	J-55	ST&C	5,610	4.825		
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2565	4040	1.575	2565	4810	1.88	86.96	202	2.32 J

Prepared by : McCoskery, Billings, MT
 Date : 09-15-1992
 Remarks :

Minimum segment length for the 5,610 foot well is 1,500 feet.
 The mud gradient and bottom hole pressures (for burst) are 0.457 psi/ft and
 2,565 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-
 line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with
 evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body
 Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and
 Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.
 Costs for this design are based on a 1990 pricing model. (Version 1.0G)



United States Department of the Interior

EXHIBIT "E"
Page 1 of 4



BUREAU OF LAND MANAGEMENT
MONTANA STATE OFFICE
222 NORTH 32ND STREET
P.O. BOX 36800
BILLINGS, MONTANA 59107-6800

IN REPLY TO:

MTM 12619-A et al
BLM BOND NO. MT0576
(922.31)

April 25, 1989

NOTICE

Equitable Resources Energy Company
P. O. Box 21017
Billings, Montana 59104

OIL AND GAS

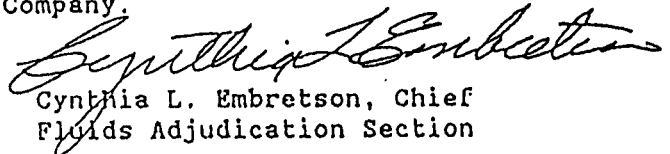
CORPORATE MERGER RECOGNIZED RIDER TO NATIONWIDE BOND ACCEPTED

Acceptable evidence has been filed in this office concerning the merger of Balcron Oil Company into Equitable Resources Energy Company, the surviving corporation. Information provided shows that Balcron Oil Company merged into Equitable Resources Energy Company, changing the former entity's name to Balcron Oil, a Division of Equitable Resources Energy Company. Please note that Divisions cannot hold leases, therefore, after consultation with Balcron Oil, this office is recognizing only the merger action.

A rider was filed on April 20, 1989, to be made a part of \$150,000 Nationwide Oil and Gas Bond No. 5547188 (BLM Bond No. MT0576) with Balcron Oil Company as principal and Safeco Insurance Company of America as surety. By means of this rider, the surety consents to changing the name on the bond from Balcron Oil Company to Equitable Resources Energy Company. The rider is accepted effective April 20, 1989.

For our purposes, the merger is recognized effective April 20, 1989.

The oil and gas lease files and communitization agreement files identified on the enclosed Exhibit A have been noted as to the merger. Other lease interests will be transferred by assignments from Ballard & Cronoble to Equitable Resources Energy Company.


Cynthia L. Embretson, Chief
Fluids Adjudication Section

1 Enclosure
1-Exhibit A

cc: (w/encl.)
AFS, Denver (1)
All DMs (1 ea.)
RMO Section (1)
Regional Forester, Lakewood (2)
Regional Forester, Missoula (2)
Bureau of Reclamation (1)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STATE, NATIONWIDE, OR NATIONAL PETROLEUM RESERVE
IN ALASKA OIL AND GAS BOND

Act of February 25, 1920 (30 U.S.C. Sec. 181)

Act of August 7, 1947 (30 U.S.C. Sec. 351)

Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)

Other Oil and Gas Leasing Authorities as Applicable

KNOW ALL MEN BY THESE PRESENTS, That we
BALCRON OIL COMPANY
of 1601 Lewis Avenue, Billings, MT 59104

as principal, and
SAFECO INSURANCE COMPANY OF AMERICA
of 111 Presidential Blvd., Suite 231, Bala Cynwyd, PA 19004

as surety, are held and firmly bound unto the United States of America in the sum of ONE HUNDRED FIFTY THOUSAND AND 00/100-----dollars (\$ 150,000.00), in lawful money of the United States, which sum may be increased or decreased by a rider hereto executed in the same manner as this bond, for the use and benefit of (1) the United States; (2) the owner of any of the land subject to the coverage of this bond, who has a statutory right to compensation in connection with a reservation of the oil and gas deposits to the United States; and (3) any lessee or permittee under a lease or permit issued by the United States prior to the issuance of an oil and gas lease for the same land subject to this bond, covering the use of the surface or the prospecting for, or development of, other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves, and each of our heirs, executors, administrators, and successors, jointly and severally.

- ☐ The coverage of this bond shall extend to all of the principal's holdings of federal oil and gas leases in the United States, including Alaska, issued or acquired under the Acts cited in Schedule A.
- ☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases issued or acquired under the Acts cited and in the States named in Schedule A and to any other State or States that may be named in a rider attached hereto by the lessor with the consent of the surety.
- ☐ The coverage of this bond extends only to the principal's holdings of federal oil and gas leases within the National Petroleum Reserve in Alaska.

SCHEDULE A

Mineral Leasing Act of February 25, 1920 (30 U.S.C. Sec. 181), Acquired Lands Leasing Act of August 7, 1947 (30 U.S.C. Sec. 351), and other oil and gas leasing authorities as applicable.

NAMES OF STATES

ALL STATES

The conditions of the foregoing obligations are such that, whereas the said principal has an interest in oil and gas leases issued under the Acts cited in this bond: (1) as lessee; (2) as the approved holder of operating rights in all or part of the lands covered by such leases under operating agreements with the lessees; or (3) as designated operator or agent under such leases pending approval of an assignment or operating agreement; and

WHEREAS the principal is authorized to drill for, mine, ex-

tract, remove, and dispose of oil and gas deposits in or under the lands covered by the leases, operating agreements or designations and is obligated to comply with certain covenants and agreements set forth in such instruments; and

WHEREAS the principal and surety agree that without notice to the surety the coverage of this bond, in addition to the present holdings of the principal, shall extend to and include:



SURETY RIDER

EXHIBIT "E" Page 3 of 4

SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
FIRST NATIONAL INSURANCE COMPANY
OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

To be attached to and form a part of

Type of Bond: Nationwide Oil and Gas Lease BondBond No. 5547188 (RLM Bond No. MT0576)dated effective 9/8/88

(MONTH, DAY, YEAR)

executed by BALCRON OIL COMPANY

(PRINCIPAL)

, as Principal,

and by SAFECO INSURANCE COMPANY OF AMERICA

(SURETY)

, as Surety,

in favor of UNITED STATES DEPARTMENT OF THE INTERIOR, BUREAU OF LAND
(OBLIGEE) MANAGEMENT

In consideration of the mutual agreements herein contained the Principal and the Surety hereby consent to changing

The name of the PrincipalFrom: BALCRON OIL COMPANYTo: EQUITABLE RESOURCES ENERGY COMPANY

Nothing herein contained shall vary, alter or extend any provision or condition of this bond except as herein expressly stated.

This rider is effective 1/1/89

(MONTH, DAY, YEAR)

Signed and Sealed

4/10/89

(MONTH, DAY, YEAR)

EQUITABLE RESOURCES ENERGY COMPANY

PRINCIPAL

By:

SAFECO INSURANCE COMPANY OF AMERICA

TITLE

SURETY

By:

R. George Voitchet

ATTORNEY-IN-FACT



POWER
OF ATTORNEY

SAFECO INSURANCE COMPANY OF AMERICA
GENERAL INSURANCE COMPANY OF AMERICA
HOME OFFICE: SAFECO PLAZA
SEATTLE, WASHINGTON 98185

EXHIBIT "E"

3798 Page 4 of 4

No. _____

KNOW ALL BY THESE PRESENTS:

That SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA, each a Washington corporation, does each hereby appoint

-----THOMAS L. VE HAR; R. GEORGE VOINCHET, Pittsburgh, Pennsylvania-----

Its true and lawful attorney(s)-in-fact, with full authority to execute on its behalf fidelity and surety bonds or undertakings and other documents of a similar character issued in the course of its business, and to bind the respective company thereby.

IN WITNESS WHEREOF, SAFECO INSURANCE COMPANY OF AMERICA and GENERAL INSURANCE COMPANY OF AMERICA have each executed and attested these presents

this 4th day of September, 19 87.

CERTIFICATE

Extract from the By-Laws of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA:

"Article V, Section 13. — FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of SAFECO INSURANCE COMPANY OF AMERICA
and of GENERAL INSURANCE COMPANY OF AMERICA adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,

- (i) The provisions of Article V, Section 13 of the By-Laws, and
- (ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and
- (iii) Certifying that said power-of-attorney appointment is in full force and effect,

the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Boh A. Dickey, Secretary of SAFECO INSURANCE COMPANY OF AMERICA and of GENERAL INSURANCE COMPANY OF AMERICA, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of these corporations, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

this 10th day of April, 19 89.

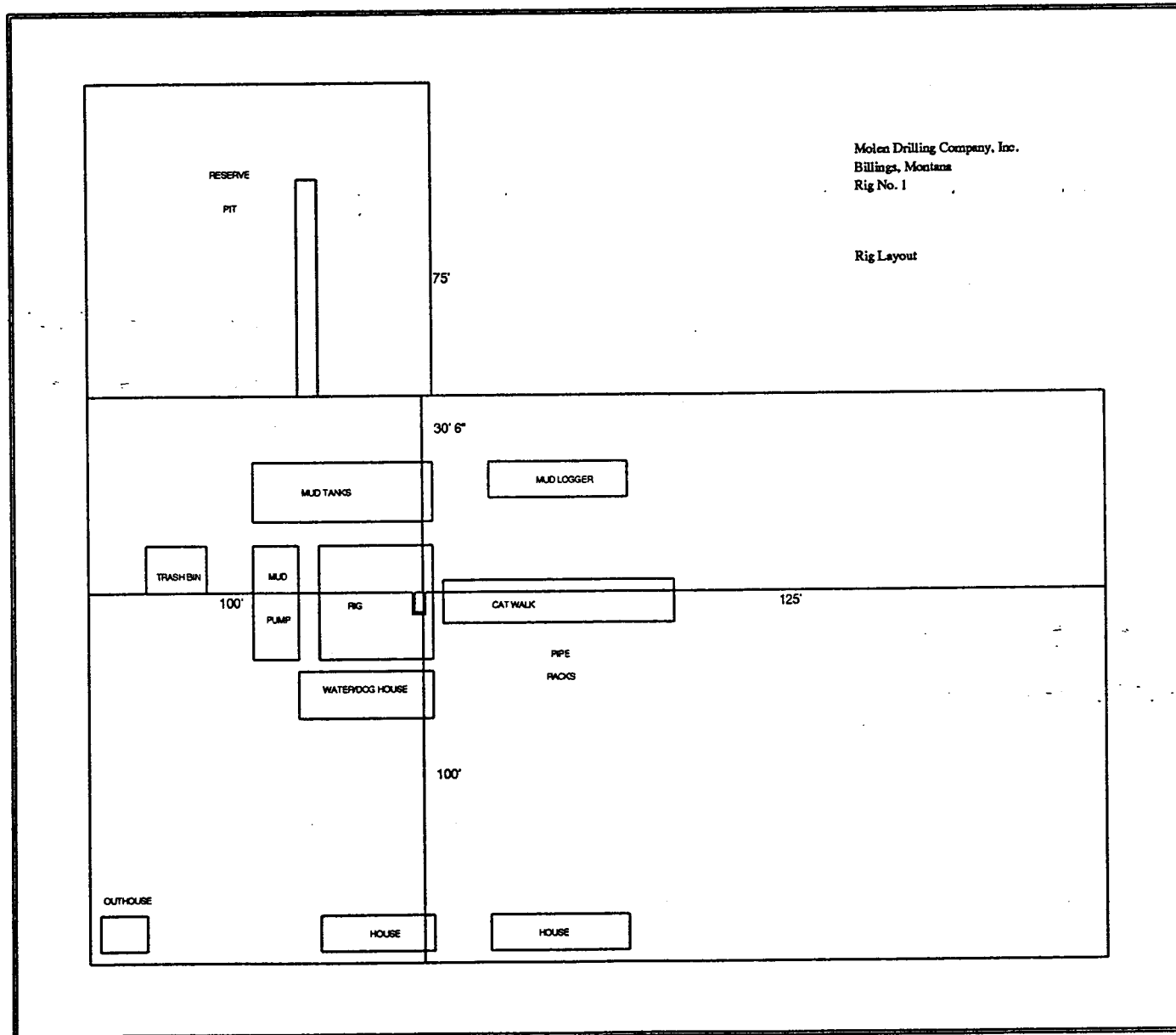
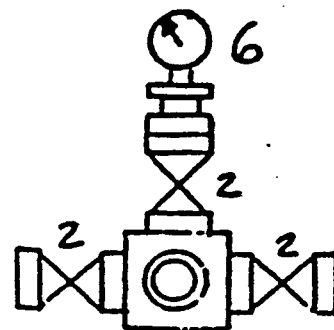
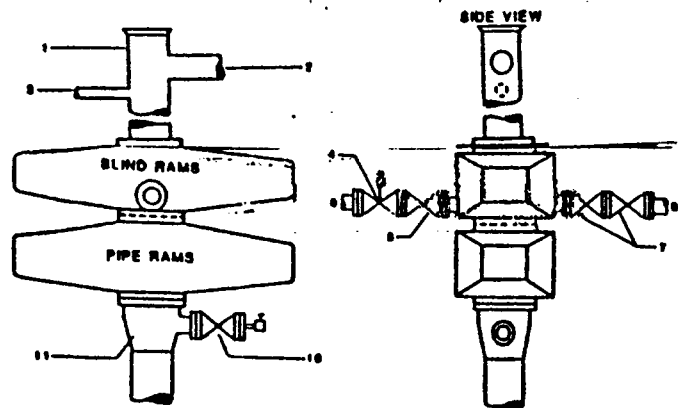
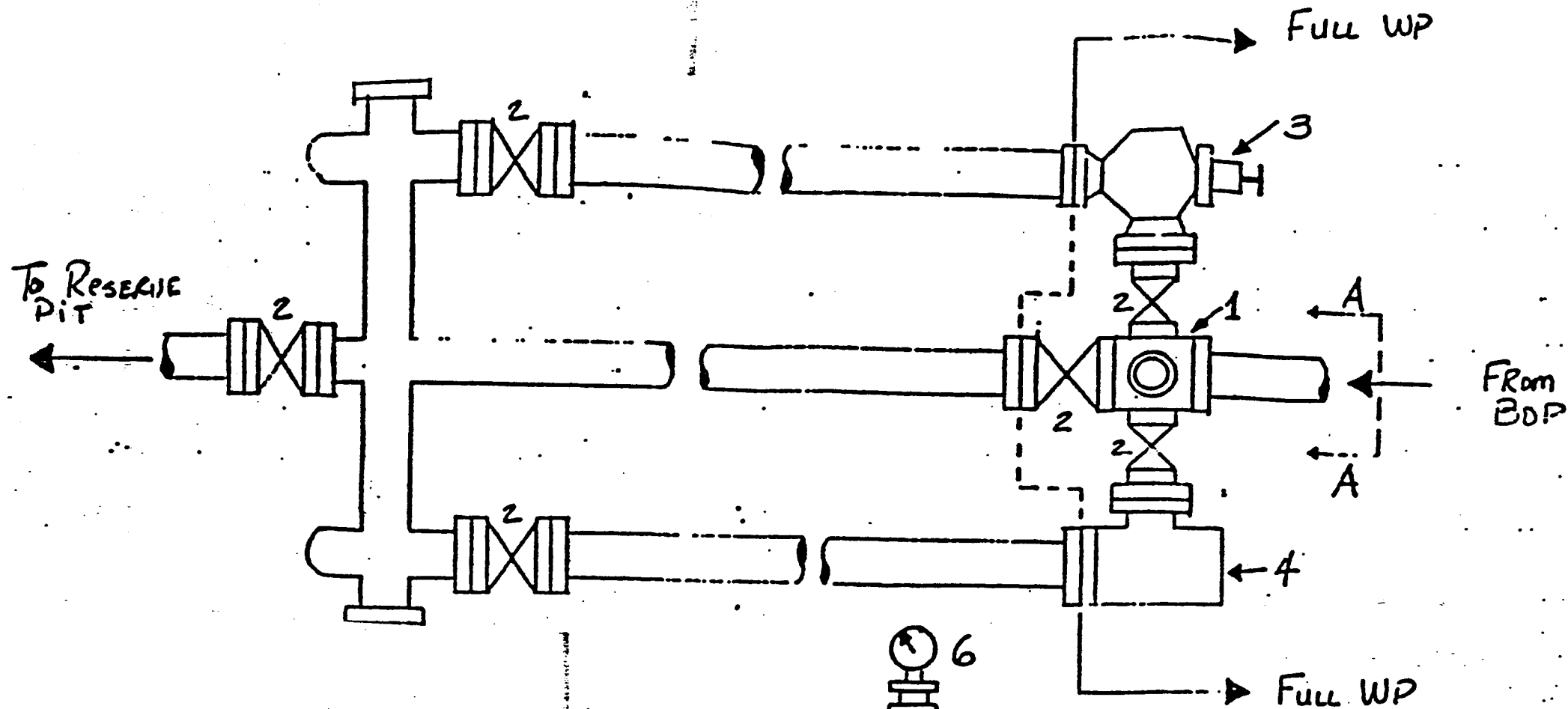


EXHIBIT "G"
Rig Layout

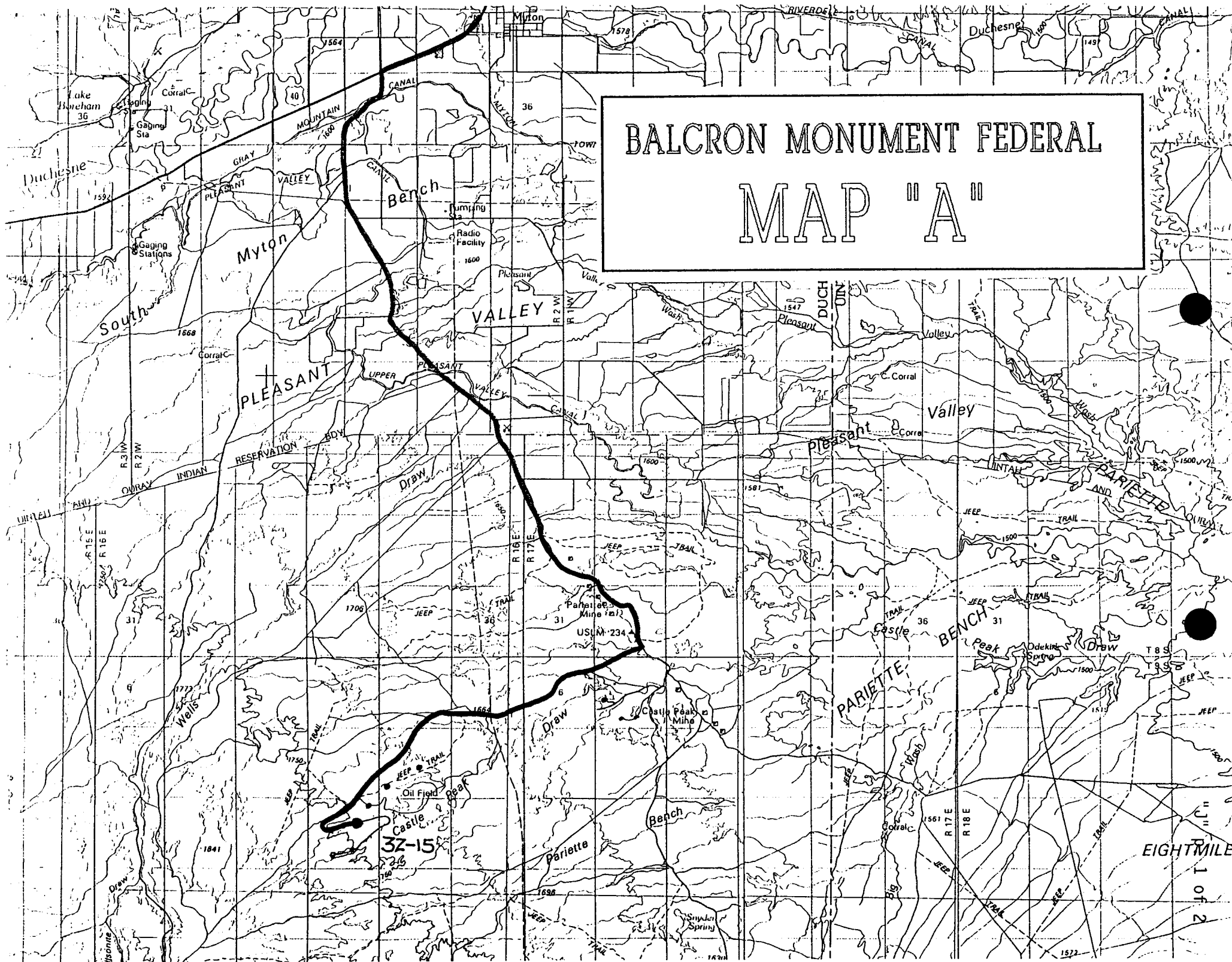


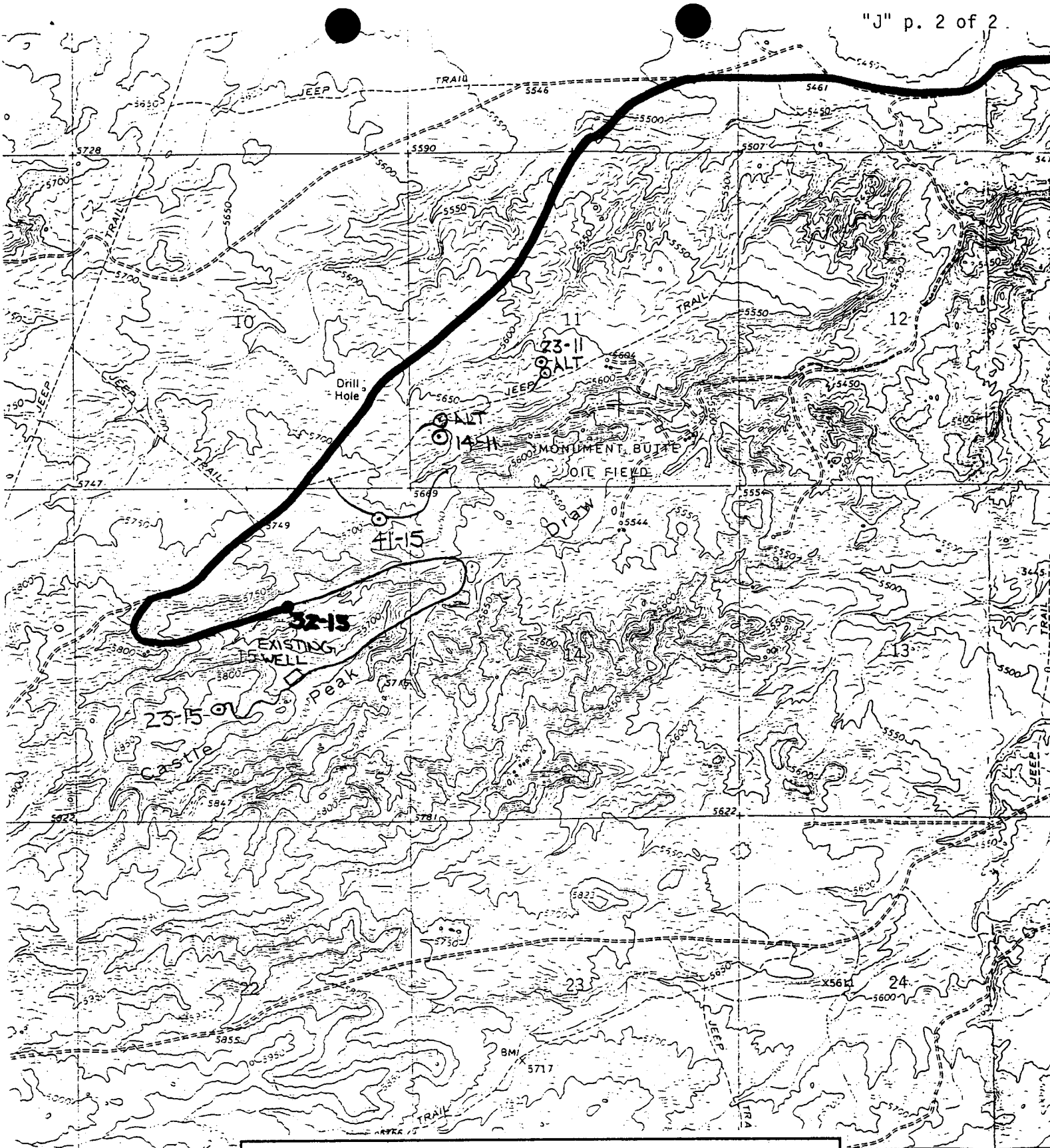
1. Cross
2. Gate Valve
3. Adjustable Choke
4. Positive Choke
5. Welded Bull Plug, Lead Filled
6. 2" - 3000-psi mud pressure gauge

Note: All lines must be securely anchored.

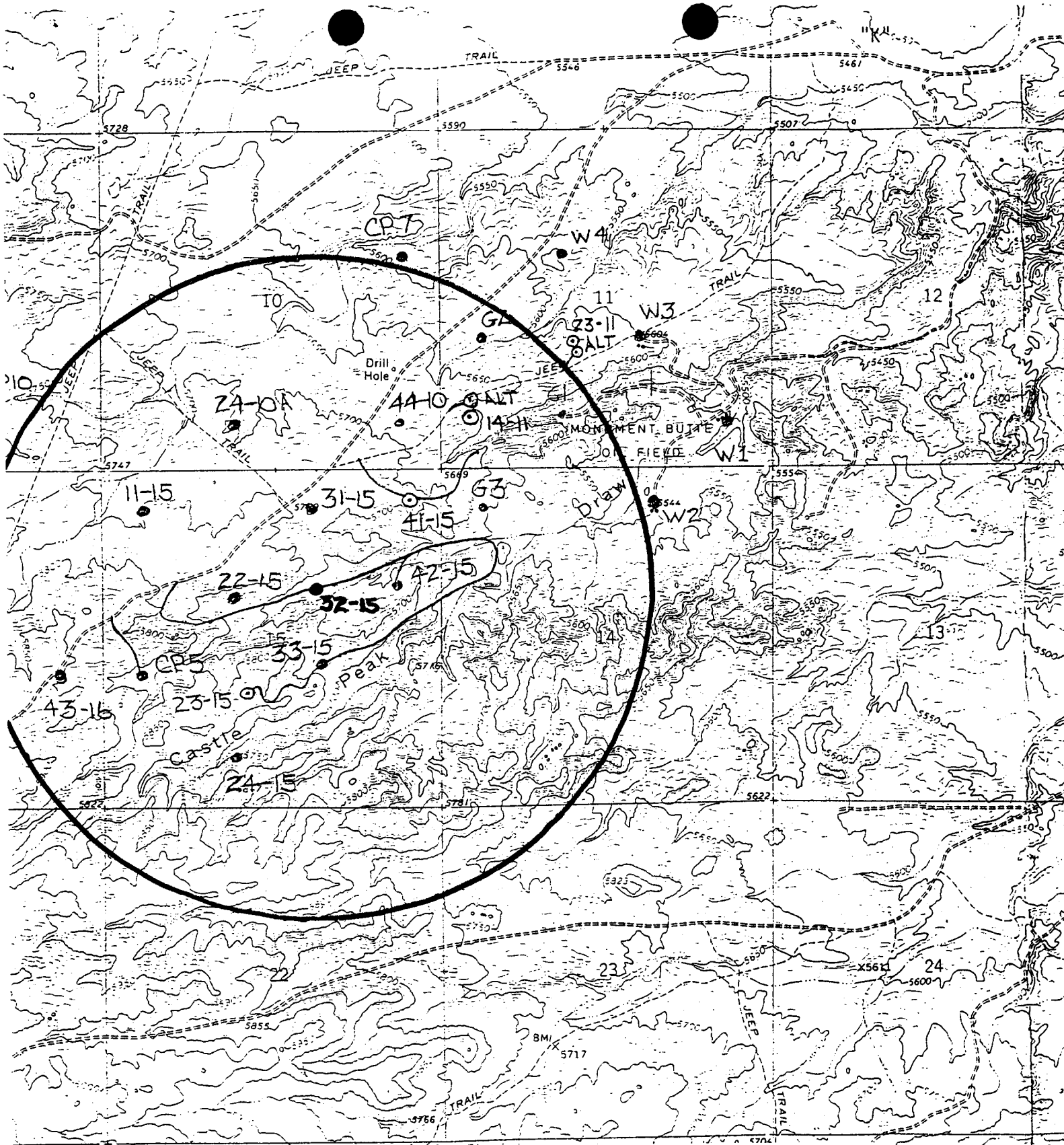
BALCRON MONUMENT FEDERAL

MAP "A"



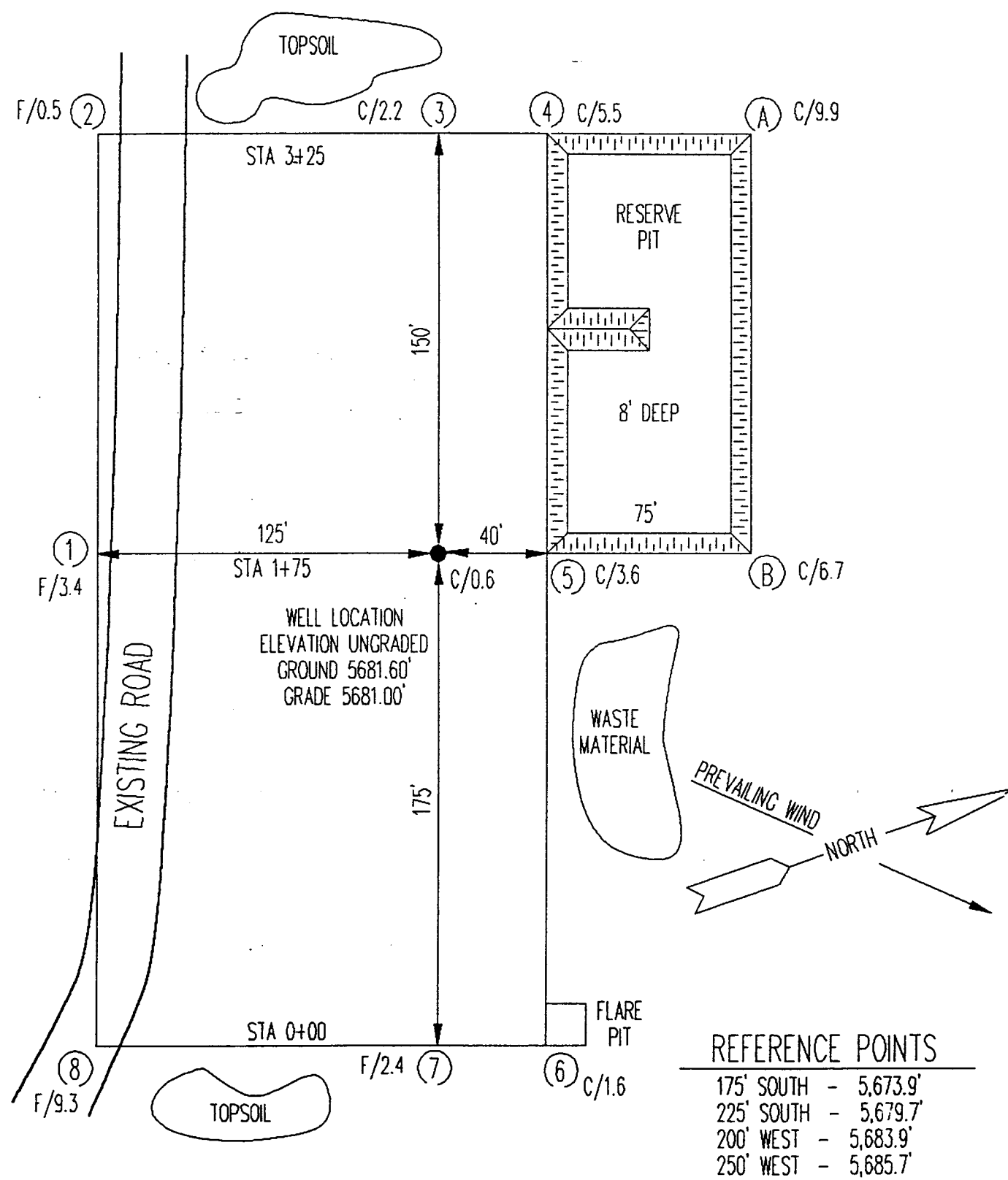


BALCRON MONUMENT FEDERAL
MAP "B"



BALCRON MONUMENT FEDERAL
MAP "C"

BALCRON MONUMENT FEDERAL WELL PLAT #32-15



REFERENCE POINTS

175' SOUTH	-	5,673.9'
225' SOUTH	-	5,679.7'
200' WEST	-	5,683.9'
250' WEST	-	5,685.7'

APPROXIMATE YARDAGE

CUT	=	4,003.0
FILL	=	3,578.8
PIT	=	2,977.8

N

↑

W T.S.L.S. E

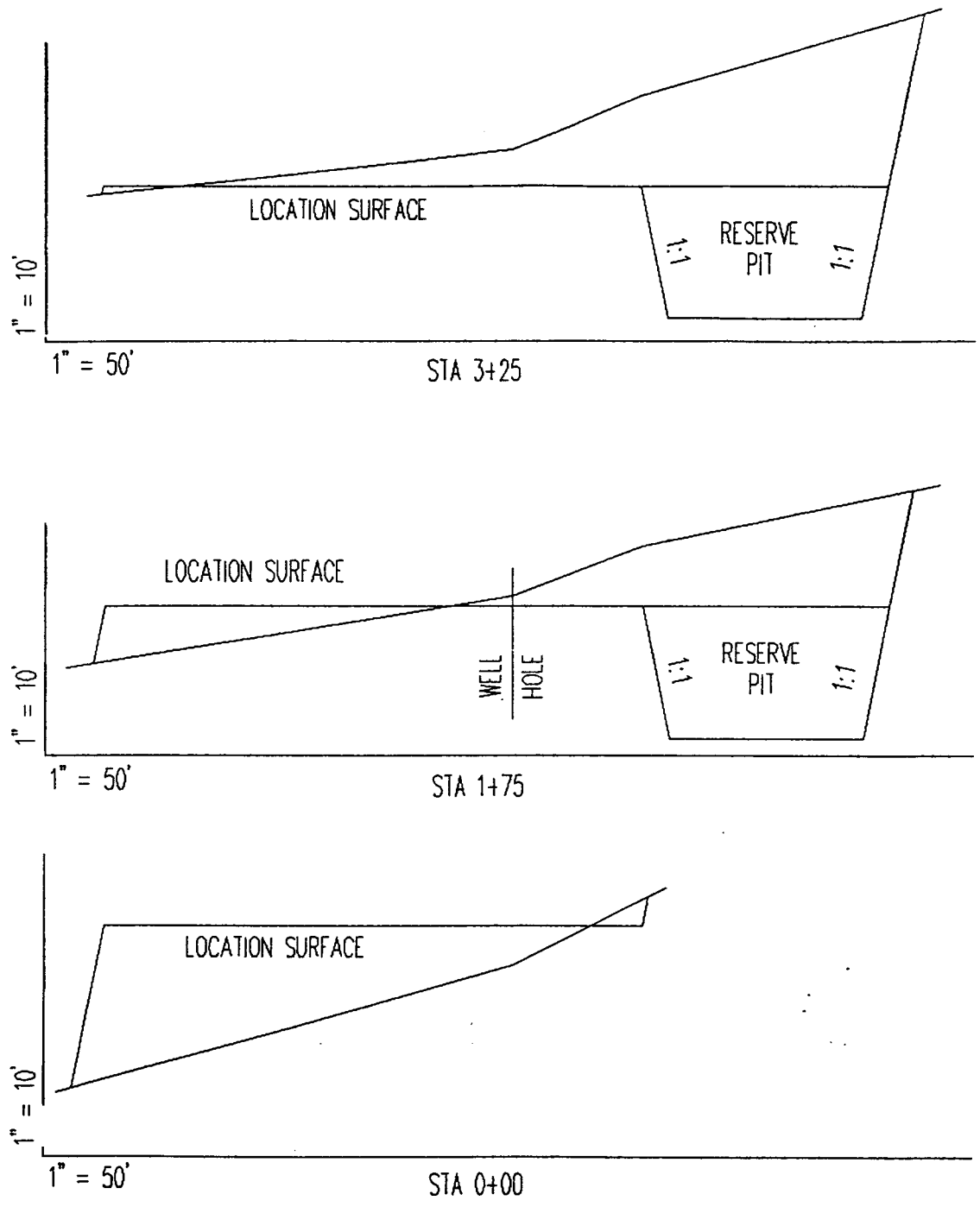
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S

TRI-STATE LAND SURVEYING

P.O. BOX 533 VERNAL, UT. 84078

(801)781-2501



RECEIVED
 SEP 17 1992
 DIVISION OF
 OIL GAS & MINING

**CULTURAL RESOURCE EVALUATION
OF SEVEN PROPOSED WELL LOCATIONS IN THE
CASTLE PEAK DRAW LOCALITY
OF DUCHESNE COUNTY, UTAH**

Report Prepared for BALCRON OIL COMPANY

Dept. of Interior Permit No.: UT-92-54937
AERC Project 1348 (BLCR-92-5)

Utah State Project No.: UT-92-AF-498b

Principal Investigator & Author of Report
F. Richard Hauck, Ph.D.



**ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH
CORPORATION (AERC)**

181 North 200 West, Suite 5
P.O. Box 853
Bountiful, Utah 84011-0853

September 8, 1992

ABSTRACT

Intensive cultural resource evaluations have been conducted for Balcron Oil Company of seven proposed well locations on federal lands in the Castle Peak Draw locality of Duchesne County, Utah. These seven locations involved a total of 66 acres of which 6 acres (.5 mile) includes two access routes associated with Units 24-5 and 23-15. The remaining 60 acres involves ten acre parcels at six of the proposed Units (24-5, 14-11, 23-11, 23-15, 32-15, and 41-15). Unit 13-5 was not examined since it had been previously evaluated by AERC (Hauck 1981). These evaluations were conducted by F. Richard Hauck on September 3, 1992.

No previously recorded significant or National Register eligible cultural resources will be adversely affected by the proposed developments.

No diagnostic isolated artifacts were observed during the evaluations.

One newly identified cultural resource activity locus was identified, evaluated, and recorded during the examinations. This site (42DC 761) consists of a non-significant lithic scatter associated with the access route into Unit 23-15.

AERC recommends project clearance based on adherence to the stipulations noted in the final section of this report.

TABLE OF CONTENTS

	page
Abstract	ii
Table of Contents	iii
List of Maps of the Project Area	iv
General Information	1
Project Location	1
Environmental Description	4
Previous Research in the Locality	4
File Search	4
Prehistory and History of the Project Area	4
Site Potential in the Project Development Zone	5
Field Evaluations	5
Methodology	5
Site Significance Criteria	6
Results of Inventory	6
Conclusion and Recommendations	7
References	8

LIST OF MAPS OF THE PROJECT AREA

	page
MAP 1: Cultural Resource Survey of Proposed Well Units in the Castle Peak Draw Locality, Duchesne County	2
MAP 2: Cultural Resource Survey of Proposed Well Units in the Castle Peak Draw Locality, Duchesne County	3

GENERAL INFORMATION

On September 3, 1992, AERC archaeologist F.R. Hauck conducted intensive cultural resource evaluations for Balcron Oil Company of Billings, Montana. These examinations involved six separate well locations (24-5, 14-11, 23-11, 23-15, 32-15, and 41-15) and two linear access route evaluations totalling .5 mile associated with Units 24-5 and 23-15. Unit 13-5 was not included in the evaluations since it was previously examined for cultural loci and materials in 1981 (Hauck 1981). This project area is situated in the Castle Peak Draw locality of Duchesne County, Utah.

This project is situated on federal lands administered by the Diamond Mountain Resource Area of the Vernal District of the Bureau of Land Management.

The purpose of the field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf., Title 36 CFR 60.6). The proposed development of these well locations requires an archaeological evaluation in compliance with the Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended by P.L. 93-291, Section 106 of the National Historic Preservation Act of 1966-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Vernal District Office of the Bureau of Land Management relative to the locations on public lands, and to the Antiquities Section of the Utah State Division of History. This work was done under U.S. Department of Interior Permit for Utah UT-92-54937 which expires on January 31, 1993.

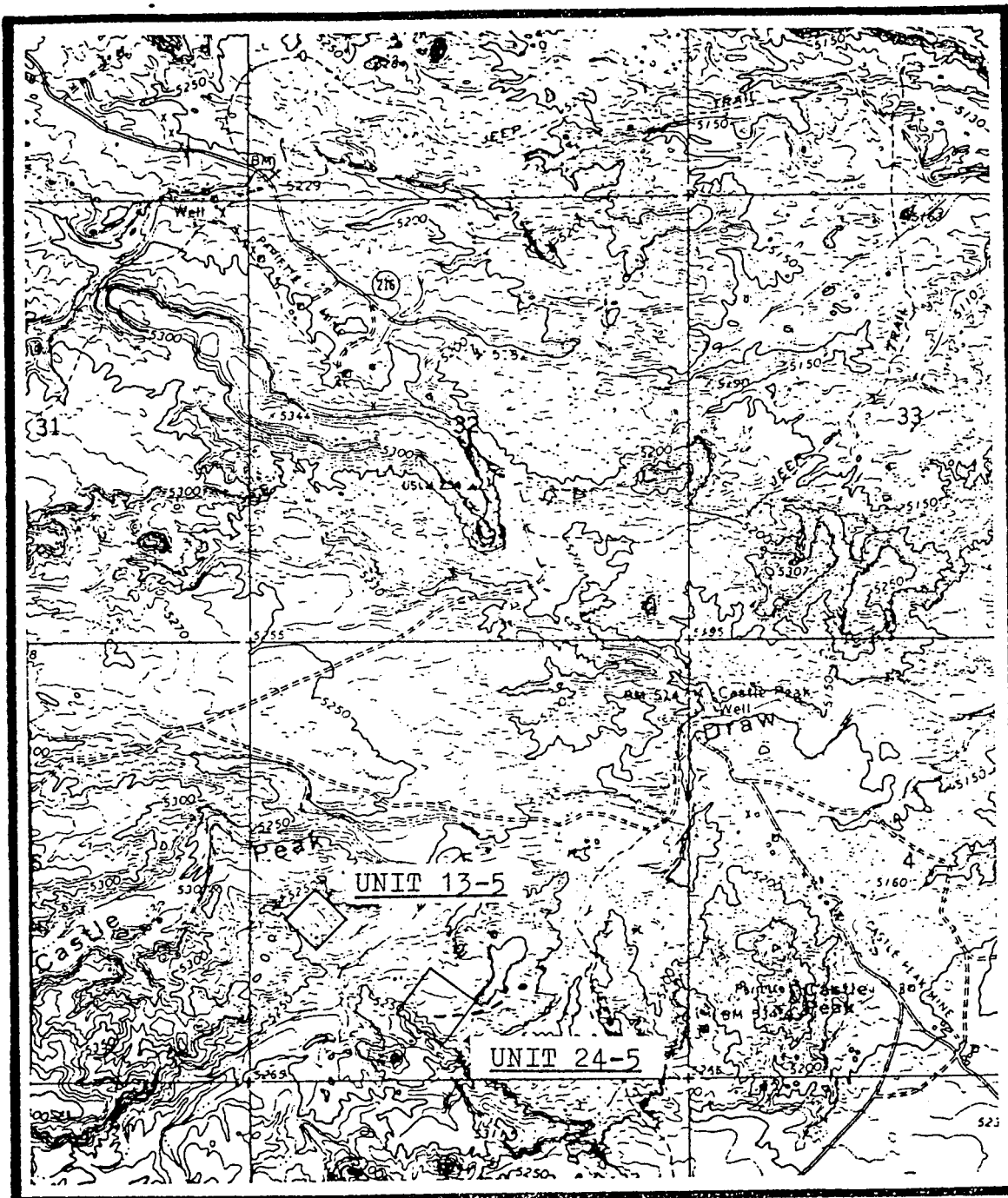
The six evaluated well locations involved 10 acre parcel evaluations for a total of 60 acres evaluated. Two 15 to 20 meter-wide survey transects were walked within the 100 foot-wide corridors covering a total distance of .5 mile or some 6 acres.

Project Location

The project location is in the Vernal District of the Bureau of Land Management. It is situated on the Myton SE, 7.5 minute topographic quad as shown on the attached maps.



Units 13-5 and 24-5 are situated in the SW and SE quarters of Section 5, Township 9 South, Range 17 East. Units 14-11 and 23-11 are in the SW quarter of Section 11, Township 9 South, Range 16 East. The last three units (23-15, 32-15, and 41-15) are respectively situated in the SW and NE quarters of Section 15, Township 9 South, Range 16 East.

ALRC



T. 9 South
R. 17 East
Meridian: SL
Quad: Myton
SE, Utah

MAP 1
Cultural Resource Survey
of Proposed Well Units in
the Castle Peak Draw
Locality, Duchesne County

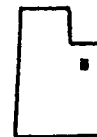
Legend:
Ten Acre
Survey
Area 
Access
Route 

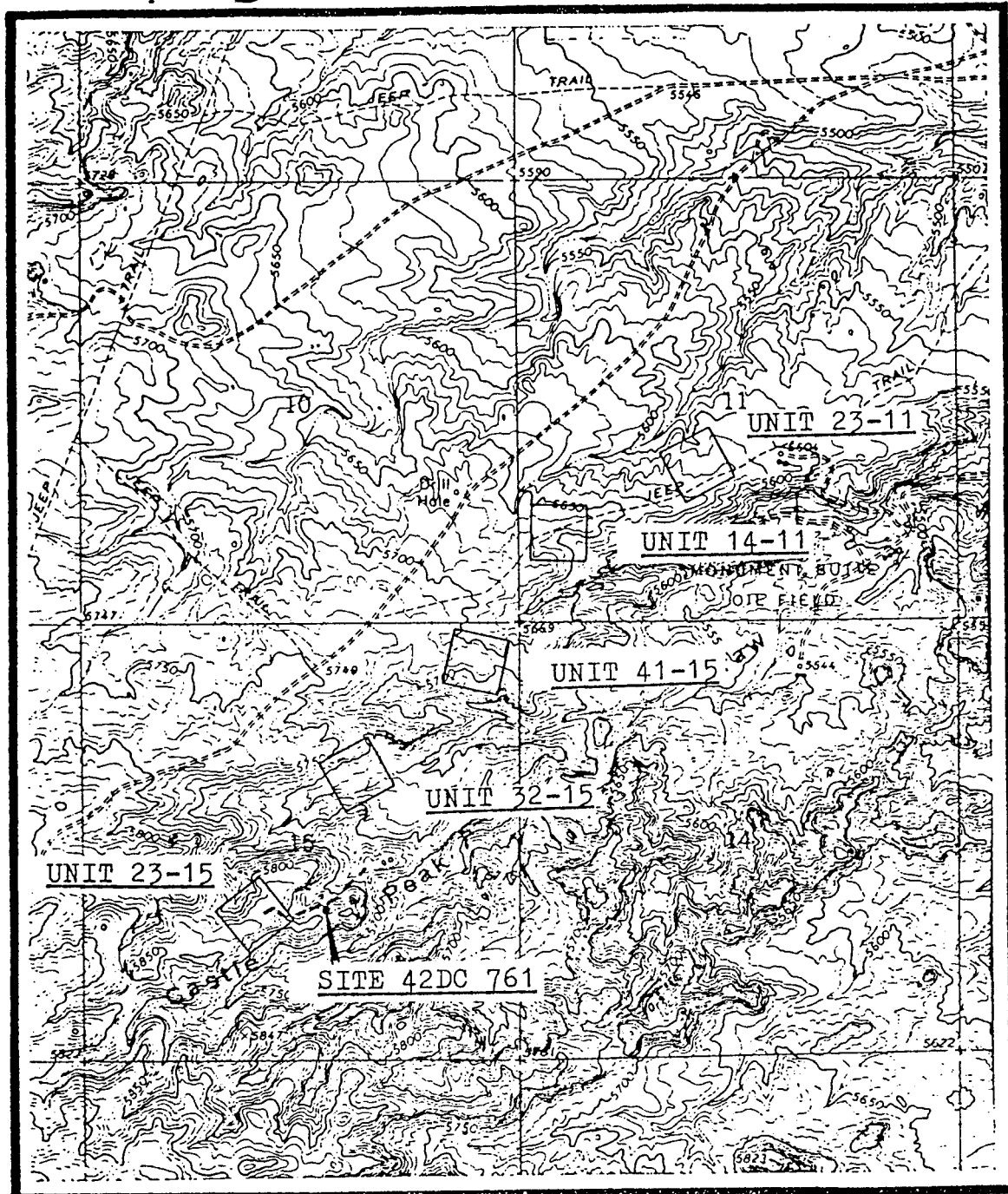
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Project: BLCR-92-5
Series: Uinta Basin
Date: 9-8-92

Scale: 1:24000




2





T. 9 South
R. 16 East
Meridian: SL
Quad: Myton
SE, Utah

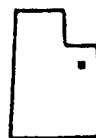
MAP 2
Cultural Resource Survey
of Proposed Well Units in
the Castle Peak Draw
Locality, Duchesne County

Legend:
Ten Acre
Survey
Area 
Access
Route 
Cultural
Site 

4
↑
N

Project: BLCR-92-5
Series: Uinta Basin
Date: 9-8-92

Scale: 1:24000



A short access route to Unit 24-5 extends from the SE quarter of Section 5 to the west into the SW quarter of that same section (see Map 1). The second access route links Unit 23-15 to an existing well in the SE quarter of Section 15 (see Map 2).

Environmental Description:

The project areas range within the 5200 to 5900 foot elevation zone above sea level. Open rangeland terrain surfaces are associated with all locations.

The vegetation in the project area includes *Chrysothamnus* spp., *Sarcobatus vermiculatus*, *Ephedra viridis*, *Artemisia tridentata*, *Atriplex canescens*, and *Bromus tectorum*.

The geological associations within the project area consist of fluvial and lake deposits which correlate with the Uinta Formation which is of Tertiary age.

PREVIOUS RESEARCH IN THE LOCALITY

File Search

Records searches of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City were conducted on September 8, 1992. A similar search was conducted in the Vernal District Office of the BLM on September 3, 1992. The National Register of Historic Places has been consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the Castle Peak Draw locality. Most of these prehistoric resources, including 42DC 349, 350, 351, 352, 353, and 732 have been identified and recorded by AERC during previous evaluations (Hauck 1981, 1992a).

Prehistory and History of the Cultural Region

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 -- 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. -- A.D. 300), and Formative (ca. A.D. 400 -- 1100) Stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 -- 1850) to conclude in the Historic-Modern period which was initiated with the incursion of the Euro-American

trappers, explorers, and settlers. Basically, each cultural stage -- with the exception of the Late Prehistoric hunting and gathering Shoshonean bands -- features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see Archaeological Evaluations in the Northern Colorado Plateau Cultural Area (Hauck 1991).

Site Potential in the Project Development Zone

Previous archaeological evaluations in the region have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places (NRHP). The majority of these sites are lithic scatters containing cobble reduction materials. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Middle Archaic Stage with occasional indications of Paleoindian activity based on the recovery of isolated Plano style projectile points. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numa) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e., the Fremont Culture, is rarely observed in the rangeland environment but is common within the Green River and White River canyons.

The majority of known sites in this project area are lithic scatters (42DC 349, 350, and 353). Open occupations such as 42DC 352 are also present. Site 42DC 351 is a rock shelter. Based on the recovery of a Folsom point and a Desert Side-notch arrow point, a possible Paleoindian component and a more recent Numic component exist on Site 42DC 353. Sites in the project locality generally appear to have been occupied during the Archaic Stage and the Late Prehistoric Period.

Site density in Castle Peak Draw appears to range from six to over ten sites per section in the project locality. This moderate to high density decreases substantially on the benches.

FIELD EVALUATIONS

Methodology

Intensive evaluations consisted of the archaeologist walking 10 to 20 meter wide transects within each ten acre parcel associated with a well location. In addition, double 15 to 20 meter-wide transects were walked flanking the flagged centerline. Thus, ca. .5 mile or 6 acres of public lands associated with the two access routes and another 60 acres associated with six of the seven well locations were examined by F.R. Hauck. Unit 13-5 was not examined since it had already been evaluated by AERC in the past (Hauck 1981).

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific cultural site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms. Cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are considered as a means of preserving significant resources which may be situated within the development zone.

Site Significance Criteria

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

The quality of significance in American ... archaeology ... and culture is present in ... sites ... that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or
- b. that are associated with the lives of persons significant in our past; or
- c. that embody the distinctive characteristics of a type, period, or method of construction ... ; or
- d. that have yielded, or may be likely to yield, information important in prehistory or history.

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as being eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's cultural significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Record of Historic Places.

Results of the Inventory:

A single non-significant prehistoric cultural resource activity locus was observed, evaluated and recorded during the archaeological evaluations. This site has been subsequently listed in the State and BLM files as 42DC 761.

Site 42DC 761 consists of a small, bare rockshelter that opens to the east. The slope below the shelter contains four fragments of detritus. The shelter has no depth potential based on a trowel test in its entrance and one just outside the

entrance. The sparsity of material remains and lack of depth suggest the site was occupied possibly during a single episode related to core reduction.

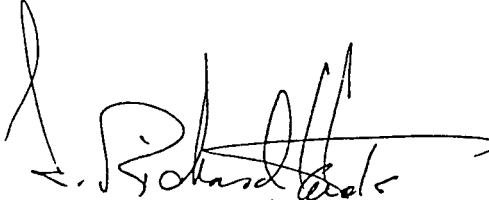
No previously recorded cultural sites will be adversely affected by the proposed pipeline developments. Site 42DC 353 is situated in the vicinity of the present development program but will not be affected by the proposed development.

No isolated diagnostic artifacts were observed or collected during the survey on BLM administrated lands.

CONCLUSION AND RECOMMENDATIONS

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company relative to the development of the seven well locations noted above based upon adherence to the following stipulations:

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the flagged areas and corridors examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.
President and Principal
Investigator

REFERENCES

Hauck, F. Richard

- 1981 Cultural Resource Inventory of Nine Proposed Well Locations and Access Roads in the Coyote Basin Locality of Uintah County, Utah, and in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Diamond Shamrock, DS-81-2, Archeological-Environmental Research Corporation (AERC), Bountiful.
- 1991 Archaeological Evaluations on the Northern Colorado Plateau Cultural Area, AERC Paper No. 45, Archeological-Environmental Research Corporation, Bountiful.
- 1992a Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-2, Archeological-Environmental Research Corporation (AERC), Bountiful.
- 1992b Addendum to Cultural Resource Evaluations of Four Proposed Well Locations in the Castle Peak Draw Locality of Duchesne County, Utah. Report prepared for Balcron Oil Company, BLCR-92-4, Archeological-Environmental Research Corporation (AERC), Bountiful.

Department of the Interior
Bureau of Land Management
Utah State Office
(AERC FORMAT)

Authorization No .U.9.2.A.F.4.9.8.D. .

Report Acceptable Yes ___ No ___

Mitigation Acceptable Yes ___ No ___

Comments: _____

Summary Report of
Inspection for Cultural Resources

C A S T L E P E A K D R A W U N I T S

1. Report Title

BALCRON OIL CO. UNITS 13-5, 24-5, 14-11, 23-11, 23-15,
32-15 and 41-15

2. Development Company _____

3. Report Date . . . 9 8 1 9 9 2 4. Antiquities Permit No. UT-92-54937

5. Responsible Institution A E R C B L C R - 9 2 - 5 Duchesne
County _____

6. Fieldwork

Location: TWN 0 9 S RNG 1 7 Section 0 5
7. Resource Area TWN 0 9 S RNG 1 6 Section 1 1 1 5
.D.M.

8. Description of Examination Procedures: The archeologist, F.R. Hauck, intensively examined the 10 acre locations for six of these wells (24-5, 14-11, 23-11, 23-15, 32-15, and 42-15 and new access corridors (as shown on the attached maps) by walking a series of 10 to 20 meter-wide transects flanking the flagged centerline and within the flagged well pad. Unit 13-5 was previously evaluated in 1981 by AERC and was not reexamined.

9. Linear Miles Surveyed 5 10. Inventory Type I
and/or
Definable Acres Surveyed R = Reconnaissance
and/or I = Intensive
Legally Undefinable 6 6 S = Statistical Sample
Acres Surveyed

11. Description of Findings: 12. Number Sites Found .1.
One cultural resource site was identified (No sites = 0)
during the survey. This lithic scatter 13. Collection: .N.
was observed in association with the access (Y = Yes, N = No)
route into Unit 23-15. This site (42DC 761) is not a significant resource.

14. Actual/Potential National Register Properties Affected:
The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 9-8-92
Vernal District Office Records 9-3-92

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Balcron Oil Company for these proposed developments based on the following stipulations:

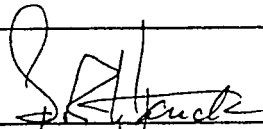

1. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the corridor examined as referenced in this report, and to the existing roadways and/or evaluated access routes.
2. All personnel should refrain from collecting artifacts and from disturbing any significant cultural resources in the area.
3. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

17. Signature of Administrator
 & Field Supervisor

UT 8100-3 (2/85)

Administrator

Field
Supervisor



BALCRON OIL

A Division of
Equitable Resources Energy Company

P.O. Box 21017
1601 Lewis Avenue Building
Billings, Montana 59104
(406) 259-7860

RECEIVED

SEP 17 1992

DIVISION OF
OIL GAS & MINING

September 16, 1992

-- VIA FEDERAL EXPRESS --

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

RE: Applications for Permit to Drill

Enclosed are copies of the Federal Applications for Permit to Drill the seven wells on the attached list. Also attached is a copy of the water permit and one copy of the Archeology Survey which are referenced in the APDs.

Every effort to comply with statewide spacing was made when staking these seven wells. However, in many instances both topographical reasons and requests by the Bureau of Land Management necessitated moving some of the sites from the location which was originally intended. If there is anything else we need to do in order to ensure that these locations are acceptable according to State regulations, please let me know.

Approximate starting dates have been put on the APDs. However, the order of drilling may change depending on when the permits are approved.

As operator we hereby request that the information on these wells be held tight for the maximum period allowed by State regulations.

If you have any questions or need further information, please let me know.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs
Enclosures/Attachments

MONUMENT BUTTE DRILLING PROGRAM

Balcron Monument Federal #13-5
NW SW Section 5, T9S, R17E
Duchesne County, Utah
1980' FSL, 660' FWL
FLS #U-020252
PTD 5,620'
GL 5,224'

Balcron Monument Federal #24-5
SE SW Section 5, T9S, R17E
Duchesne County, Utah
765' FSL, 2243' FWL
FLS #U-020252
PTD 5,600'
GL 5,223'

Balcron Monument Federal #23-11
NE SW Section 11, T9S, R16E
Duchesne County, Utah
1787 FSL, 2147' FWL
FLS #U-096550
PTD 5,750'
GL 5,622'

Balcron Monument Federal #14-11
SW SW Section 11, T9S, R16E
Duchesne County, Utah
1048' FSL, 446' FWL
FLS #U-096547
PTD 5,720'
GL 5,661'

Balcron Monument Federal #41-15
NE NE Section 15, T9S, R16E
Duchesne County, Utah
460' FNL, 500' FEL
FLS #U-017985
PTD 5,700'
GL 5,714'

Balcron Monument Federal #32-15
SW NE Section 15, T9S, R16E
Duchesne County, Utah
1868' FNL, 1993' FEL
FLS #U-017985
PTD 5,610'
GL 5,681'

Balcron Monument Federal #23-15
NE SW Section 15, T9S, R16E
Duchesne County, Utah
1724' FSL, 2078' FWL
FLS #U-017985
PTD 5,700'
GL 5,828'

APPLICATION FOR PERMANENT CHANGE OF WATER

SEP 17 1992

STATE OF UTAH

APR 17 1987

Rec. by DLFee Paid \$ 15.00Receipt # 22150

Roll # _____

DIVISION OF

OIL GAS & MINING

For the purpose of obtaining permission to make a permanent change of water in the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

*WATER USER CLAIM NO. 43-9974 *APPLICATION NO. a-14289

Changes are proposed in (check those applicable)

_____ point of diversion.

_____ point of return.

☒ place of use.

☒ nature of use.

1. OWNER INFORMATION

Name: Owen Dale Anderson *Interest: _____ %
Address: P.O. Box 1162 Vernal UT 84078

2. *PRIORITY OF CHANGE: _____ *FILING DATE: _____

*Is this change amendatory? (Yes/No): _____

3. RIGHT EVIDENCED BY: 43-3525

Prior Approved Change Applications for this right: 83-43-21 84-43-73 6 14099

***** HERETOFORE *****

4. QUANTITY OF WATER: 0.5 cfs and/or _____ ac-ft.

5. SOURCE: U.G.W. (well)

6. COUNTY: Duchesne

7. POINT(S) OF DIVERSION: South 1167 ft East 340 ft from N 1/4 Corner
Section 27 T1S, R2W, USB + M

Description of Diverting Works: _____

8. POINT(S) OF REDIVERSION

The water will be rediverted from _____ at a point: _____

Description of Diverting Works: _____

9. POINT(S) OF RETURN

The amount of water consumed is _____ cfs or _____ ac-ft.

The amount of water returned is _____ cfs or _____ ac-ft.

The water will be returned to the natural stream/source at a point(s): _____

***** These items are to be completed by Division of Water Rights. *****

JUL- 8-92 WED 10:52

10. NATURE AND PERIOD OF USE

Stockwatering: From Jan 1 to Dec 31
 Domestic: From _____ to _____
 Municipal: From _____ to _____
 Mining: From _____ to _____
 Power: From _____ to _____
 Other: From Jan 1 to Dec 31
 Irrigation: From April 1 to Oct 31

11. PURPOSE AND EXTENT OF USE

Stockwatering (number and kind): 250 Livestock Units
 Domestic: _____ Families and/or _____ Persons.
 Municipal (name): _____ Mining District in the _____ Mine.
 Mining: _____
 Ores mined: _____ Type: _____ Capacity: _____
 Power: Plant name: _____
 Other (describe): drilling & completion of oil field location: Fish Culture
 Irrigation: 55.7 acres. Sole supply of _____ acres

12. PLACE OF USE

Legal description of areas of use other than irrigation by 40 acre tract: n/a

13. STORAGE

Reservoir Name: Unnamed Storage Period: from 11-1 to 3-31
 Capacity: 4.0 ac-ft. Inundated Area: _____ acres
 Height of dam: _____ feet
 Legal description of inundated area by 40 tract: NW NE Sec 27, T15 R2W 25B & M

***** THE FOLLOWING CHANGES ARE PROPOSED *****

14. QUANTITY OF WATER: _____ cfs and/or 20.0 ac-ft
 15. SOURCE: UGW Remaining Water: same
 16. COUNTY: Duchesne
 17. POINT(S) OF DIVERSION: same

Description of Diverting Works: _____

18. POINT(S) OF REDIVERSION

The water will be rediverted from _____ at a point: _____

Description of Diverting Works: _____

9. POINT(S) OF RETURN

The amount of water consumed is _____ cfs or _____ ac-ft

The amount of water returned is _____ cfs or _____ ac-ft

The water will be returned to the natural stream/source at a point(s): _____

20. NATURE AND PERIOD OF USE

Stockwatering: From _____ to _____

Domestic: From _____ to _____

Municipal: From _____ to _____

Mining: From _____ to _____

Power: From _____ to _____

Other: From Jan 1 to Dec 31

Irrigation: From _____ to _____

21. PURPOSE AND EXTENT OF USE

Stockwatering (number and kind): _____

Domestic: _____ Families and/or _____ Persons

Municipal (name): _____ Mining District in the _____ Mine

Mining: _____

Ores mined: _____ Type: _____ Capacity: _____

Power: Plant name: _____

Other (describe): drilling and completion of oil wells

Irrigation: _____ acres. Sole supply of _____

22. PLACE OF USE

Legal description of areas of use by 40 acre tract: _____

Other: hauled to locations by water trucks as needed

23. STORAGE

Reservoir Name: _____ Storage Period: from _____ to _____

Capacity: _____ ac-ft. Inundated Area: _____ acres

Height of dam: _____ feet

Legal description of inundated area by 40 tract: _____

24. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. Include any supplemental water rights used for the same purpose. (Use additional pages of same size if necessary): _____

Change is for oilfield drilling and exploration.Approximately 4 acre ft/acre will be taken fromirrigation purposes and used for oilfield purposesAcres to be irrigated will change from 55.7 to 50 acres
55.7 11 x 7

undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

Quinn Dale Anderson
Signature of Applicant(s)

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

DATE RECEIVED: 09/17/92

OPERATOR: BALCRON OIL

OPERATOR ACCT NO:

N-9890

WELL NAME: BALCRON MONUMENT FEDERAL 32-15

API NO. ASSIGNED: 43 - 013 - 31368

LEASE TYPE: FED

LEASE NO:

0-017985

LOCATION: SWNE 15 - T09S - R16E

DUCHESNE COUNTY

FIELD: CASTLE PEAK

FIELD CODE:

075

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond

(Number fiducial)

☒ Potash (Y/N)

☒ Oil shale (Y/N)

☒ Water permit

(Number 43-9974 0-14089)

☒ RDCC Review (Y/N)

(Date: _____)

LOCATION AND SITING:

☐ R649-2-3. Unit: _____

☒ R649-3-2. General.

☐ R649-3-3. Exception.

☐ Drilling Unit.

Board Cause no: _____

Date: _____

COMMENTS:

from addl producing wells within the 15.

STIPULATIONS:

CONFIDENTIAL

PERIOD

EXPIRED

ON 12-20-94



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangert
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

September 21, 1992

Balcron Oil
P.O. Box 21017
Billings, Montana 59104

Gentlemen:

Re: Balcron Monument Federal #32-15 Well, 1868 feet from the north line, 1993 feet from the east line, SW 1/4 NE 1/4, Section 15, Township 9 South, Range 16 East, Duchesne County, Utah

Pursuant to Utah Admin. R. 649-3-2, Location and Siting of Wells and Utah Admin. R. 649-3-4, Permitting of Wells to be Drilled, Deepened or Plugged-Back, approval to drill the referenced well is hereby granted.

In addition, the following specific actions are necessary to fully comply with this approval:

1. Compliance with the requirements of Utah Admin. R. 649-1 et seq., Oil and Gas Conservation General Rules.
2. Notification within 24 hours after drilling operations commence.
3. Submittal of Entity Action Form, Form 6, within five working days following commencement of drilling operations and whenever a change in operations or interests necessitates an entity status change.
4. Submittal of the Report of Water Encountered During Drilling, Form 7.
5. Prompt notification prior to commencing operations, if necessary, to plug and abandon the well. Notify Frank R. Matthews, Petroleum Engineer, (Office) (801)538-5340, (Home) (801)476-8613, or R.J. Firth, Associate Director, (Home) (801)571-6068.

Page 2
Balcron Oil
Balcron Monument Federal #32-15 Well
September 21, 1992

6. Compliance with the requirements of Utah Admin. R. 649-3-20, Gas Flaring or Venting, if the well is completed for production.

Trash and sanitary waste should be properly contained and transported to approved disposal locations, not retained in or disposed of in pits on location or downhole. Prior to the commencement of drilling operations, the operator should consult the local/county sanitarian and/or the Department of Environmental Quality, Division of Drinking Water/Sanitation, regarding appropriate disposal of sanitary waste.

This approval shall expire one year after date of issuance unless substantial and continuous operation is underway or a request for an extension is made prior to the approval expiration date. The API number assigned to this well is 43-013-31368.

Sincerely,



R.D. Firth
Associate Director, Oil and Gas

ldc
Enclosures
cc: Bureau of Land Management
J.L. Thompson
WOI1



EQUITABLE RESOURCES ENERGY COMPANY,
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104
(406) 259-7860
FAX: (406) 245-1364

March 4, 1993

State of Utah
Uintah County
152 East 100 North
Vernal, UT 84078

Gentlemen:

Effective March 1, 1993, the name of our company has changed from Balcron Oil Company to Equitable Resources Energy Company, Balcron Oil Division.

Please make the necessary changes in your records and let me know if there is anything else we need to do in order to effect the change for the 1993 Uintah County Business License.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

RECEIVED

MAR 08 1993

DIVISION OF
OIL GAS & MINING



355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. ● (801-538-5340)

Page 7 of 7

Operator name and address:

Utah Account No. _____

Report Period (Month/Year) _____

Amended Report ☐

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature

Telephone _____

PLEASE COMPLETE FORMS IN BLACK INK

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-DEC
2-DPS	8-DEC
3-VLC	
4-RJF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 3-1-93)

TO (new operator) EQUITABLE RESOURCES ENERGY CO FROM (former operator) BALCRON OIL
(address) BALCRON OIL DIVISION (address) PO BOX 21017
PO BOX 21017
BILLINGS MT 59104
phone (406) 259-7860
account no. N 9890

Well(s) (attach additional page if needed):

Name: **ALL WELLS**	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(filed 3-8-93)*
- Lee 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: 134640.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(3-19-93)*
- Lee 6. Cardex file has been updated for each well listed above. *(3-19-93)*
- Lee 7. Well file labels have been updated for each well listed above. *(3-19-93)*
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(3-19-93)*
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) *930319 Rec'd bond rider eff. 3-4-93.

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #5578314/80,000 Belcron Oil, A Division of Equitable Resources Energy Company.
2. A copy of this form has been placed in the new and former operators' bond files. *Upon completion of routing.
3. The former operator has requested a release of liability from their bond (yes/no) ____ . Today's date ____ 19____ . If yes, division response was made by letter dated ____ 19____ .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated ____ 19____ , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases. see comments below

FILMING

1. All attachments to this form have been microfilmed. Date: March 30 1993 .

FILED

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930308 Btm 15.2. No change necessary, they always recognized company name as "Equitable Resources Energy Company, Belcron Oil Division".

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒

GAS
WELL ☐

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

EQUITABLE RESOURCES ENERGY COMPANY

3. ADDRESS OF OPERATOR

P.O. Box 21017; Billings, MT 59104

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.)

At surface
1868' FNL, 1993' FEL SW NE
At proposed prod. zone

MAY 12 1993

43-013-31368

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 16 miles from Myton, UT. See OIL, GAS & MINING

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

16. NO. OF ACRES IN LEASE

40 acres

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5,610'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 5,681'

22. APPROX. DATE WORK WILL START*

January 1, 1993

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	260'	250 sx G w/3% CaCl
See attached Drilling Program for production casing.				RECEIVED

SEP 17 1992

EXHIBITS

- | | |
|-------------------------------------|--|
| "A" Proposed Drilling Program | "G" Rig Layout |
| "B" Proposed Surface Use Program | "H" BOPE Schematic |
| "C" Geologic Prognosis | "I" Location Site and Elevation Plat |
| "D" Drilling Program/Casing Diagram | "J" Existing Roads/Planned Access (Maps A & B) |
| "E" Evidence of Bond Coverage | "K" Existing Wells (Map C) |
| "F" Archeology Report | "L" Drillsite Layout/Cut and Fill Diagrams |

NOTE: In accordance with request by the Vernal BLM representative, only one copy of EXHIBIT "F" Archeology Report is included with this permit.

SELF CERTIFICATION: I hereby certify that I am authorized, by proper lease interest owner, to conduct these operations associated with the application. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Equitable Resources Energy Company as principal and Safeco Insurance Company of America as surety under BLM Bond No. MT 0576 (Nationwide Oil & Gas Bond #5547188) who will be responsible for compliance with all of the terms and conditions of that portion of the lease associated with this application.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. Robbie Schuman Coordinator of Environmental and Regulatory Affairs 9-15-92
SIGNED Robbie Schuman TITLE DATE
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY [Signature]
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ASSISTANT DISTRICT
MANAGER MINERALS

DATE

MAY 4 1993

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 2M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

The Vernal District Office shall be notified, at least 24 hours prior to initiating the pressure tests, in order to have a BLM representative on location during pressure testing.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale, identified at \pm 2,605 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

The Vernal District Office shall be notified at least 24 hours prior to the running and cementing of all casing strings, in order to have a BLM representative on location while running and cementing all casing strings.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 2,405 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within thirty (30) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried or anchored down from the wellhead to the meter and within 500 feet downstream of the meter run or any production facilities. Meter runs will be housed and/or fenced.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Gerald E. Kenczka (801) 781-1190
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

BLM FAX Machine (801) 789-3634

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

SURFACE USE PLAN OF OPERATION
Conditions of Approval (COAs)

Additional Surface Stipulations

Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer.

Fall seeding will be done between September 15 and when the ground freezes. Spring seeding will be done prior to April 15.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

A complete copy of the approved APD and ROW grant, if applicable, shall be on location during construction

The operator or his/her contractor shall contact the BLM Office at (801) 789-1362 forty-eight (48) hours prior to construction activities.

The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

RECEIVED

MAY 12 1993

**DIVISION OF
OIL, GAS & MINING**

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Equitable Resources Energy Company

Well Name & Number: Balcron Monument Federal 32-15

Lease Number: U-017985

Location: SWNE Sec. 15 T. 9S R. 16E

Surface Ownership: Federal Lands administered by BLM

Date NOS Received: August 13, 1992

Date APD Received: September 28, 1992

NOTIFICATION REQUIREMENTS

- | | | |
|---------------------------------|---|---|
| Location Construction | - | at least forty-eight (48) hours prior to construction of location and access roads. |
| Location Completion | - | prior to moving on the drilling rig. |
| Spud Notice | - | at least twenty-four (24) hours prior to spudding the well. |
| Casing String and Cementing | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings. |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests. |
| First Production Notice | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

Federal # U-017985

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

Jonah Unit

8. Well Name and Number:

Balcron Monument Fed. #32-15

9. API Well Number:

43-013-31368

10. Field and Pool, or Wildcat:

Monument Butte/Grn.River

1. Type of Well: OIL ☒ GAS ☐ OTHER:2. Name of Operator: Equitable Resources Energy Company,
Balcron Oil Division

3. Address and Telephone Number:

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well

Footages: 1868' FNL, 1993' FEL

QQ, Sec., T., R., M.: SW NE Section 15, T9S, R16E

County: Duchesne

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Request for extension of APD</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This APD is scheduled to expire 9/21/93. We hereby request a one-year extension to this APD as our current drilling program has this well scheduled to begin after the expiration date.

RECEIVED

APPROVED BY THE STATE
OF UTAH
DIVISION OF OIL, GAS AND MINING

8-10-93
[Signature]

DIVISION OF
OIL GAS & MINING

13.

Name & Signature:

Bobbie Schuman
Bobbie Schuman

Coordinator of Environmental
and Regulatory Affairs

Title:

Date:

8/5/93

(This space for State use only)



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

August 5, 1993

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Gentlemen:

Enclosed are sundry notices requesting an extension for the APDs for the following wells:

Balcron Monument Federal #14-11
Balcron Monument Federal #23-15
Balcron Monument Federal #23-11
Balcron Monument Federal #32-15
Balcron Monument Federal #41-15

All of these APDs expire in September 1993 and our drilling program has these wells scheduled to begin after the expiration dates. If you need to hold these requests until closer to the expiration dates, please do so.

If you have any questions or need further information, please give me a call.

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

RECEIVED

AUG 9 1993

DIVISION OF
OIL GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Fed. #32-15

9. API Well No.

43-013-31368

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE Section 15, T9S, R16E
1868' FNL, 1993' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other change in rig and water source

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)"

Operator is changing the drilling rig and source of drilling water on this well. We will be using Union Rig #17 for drilling and the Joe Shields water source (Permit 47-1674, Application #57708) as the drilling water source.

Attached are EXHIBITS "D", "G", and "H" which replace those submitted with the APD. Also attached is a copy of the water permit.

CONFIDENTIAL
SEP 15 1993
DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Bobbie Schuman

(This space for Federal or State office use)

Coordinator of Environmental
and Regulatory Affairs

Title

Date

9-9-93

Approved by
Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Equitable Resources Energy Company
Balcron Oil Division

DRILLING PROGRAM

WELL NAME: Monument Butte Area
LOCATION: Twn.9S Rge.16E & 17E
COUNTY: Duchesne

PROSPECT/FIELD: Monument Butte
STATE: Utah

TOTAL DEPTH: SEE APD COVER SHEET

HOLE SIZE INTERVAL

12 1/4" 0 to 260'
7 7/8" 260 to T.D.

CASING	INTERVAL		CASING		
	FROM	TO	SIZE	WEIGHT	GRADE
STRING TYPE					
Surface Casing	0	260	8 5/8"	24 #/Ft	J-55
Production Casing	0	T.D.	5 1/2"	15.50#/Ft	J-55
(All Casing will be new, ST&C)					

CEMENT PROGRAM

Surface 150 sacks 75% Class "G" 25% Poz with 2% CaCl and 1/4 #/Sk Flocele.
(Cement will be circulated to surface.)

Production 250 sacks Thifty Lite and 400 sacks 50-50 Poz mix.

PRELIMINARY
DRILLING FLUID PROGRAM

TYPE	FROM	TO	WEIGHT	PLAS.	YIELD
				VIS	POINT
Air and air mist	0	260	N.A.	N.A.	N.A.
Air/Air Mist/KCl Water	260	T.D.	8.7-8.9	N.A.	N.A.

depending on the drilling contractor either:

- Drilling will be with air from surface to as deep as hole conditions allow. 2% KCl fluid will be used for the remainder of the hole.
- Drilling will be done using 2% KCl water and gel.

COMMENTS

- No cores or DST's are planned.

BALCRON OIL CO.

Operator: BALCRON OIL	Well Name: MONUMENT BUTTE AREA
Project ID:	Location: Monument Butte, Utah

Design Parameters:

Mud weight (9.63 ppg) : 0.500 psi/ft
 Shut in surface pressure : 2280 psi
 Internal gradient (burst) : 0.100 psi/ft
 Annular gradient (burst) : 0.000 psi/ft
 Tensile load is determined using air weight
 Service rating is "Sweet"

Design Factors:

Collapse : 1.125
 Burst : 1.00
 8 Round : 1.80 (J)
 Buttress : 1.60 (J)
 Body Yield : 1.50 (B)
 Overpull : 0 lbs.

Length (feet)	Size (in.)	Weight (lb/ft)	Grade	Joint	Depth (feet)	Drift (in.)	Cost		
1	SFC TO TD 5-1/2"	15.50	J-55	ST&C	SEE APD COVER SHEET	4.825			
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Tension Load (kips)	Strgth (kips)	S.F.
1	2850	4040	1.418	2850	4810	1.69	88.35	202	2.29 J

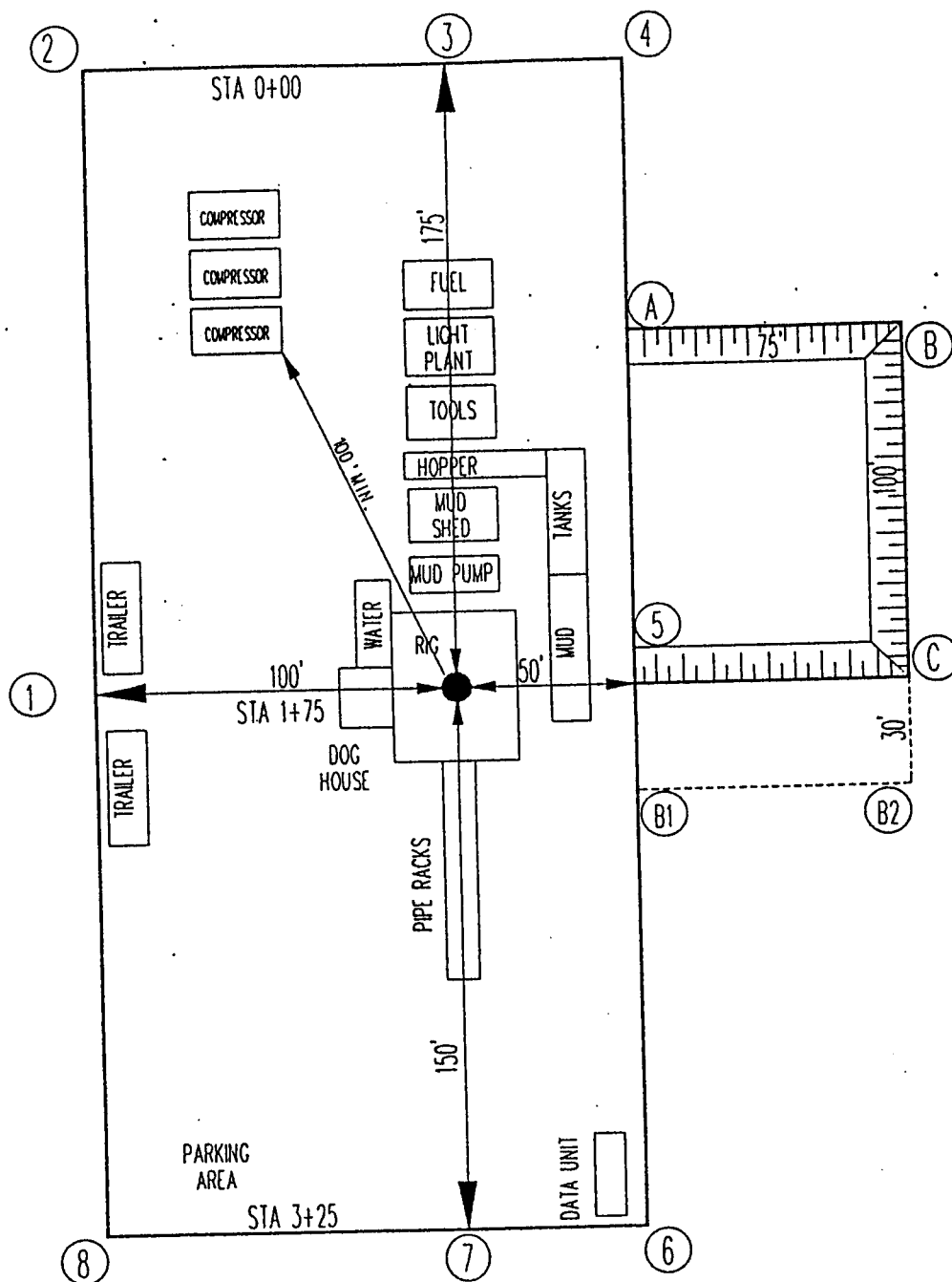
Prepared by : McCoskery, Billings, MT
 Date : 11-30-1992 (Revised 8/30/93)
 Remarks :

The mud gradient and bottom hole pressures (for burst) are 0.500 psi/ft and 2,850 psi, respectively.

NOTE: The design factors used in this casing string design are as shown above. As a general guide-line, Lone Star Steel recommends using minimum design factors of 1.125 - Collapse (with evacuated casing), 1.0 - Burst, 1.8 - 8 Round Tension, 1.6 - Buttress Tension, and 1.5 - Body Yield. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser. Costs for this design are based on a 1990 pricing model. (Version 1.0G)

EQUITABLE RESOURCES ENERGY CO.

WELLSITE LAYOUT



TRI-STATE
LAND SURVEYING, INC.
38 WEST 100 NORTH, VERNAL, UTAH 84078
801-781-2501

UNION DRILLING RIG #17

Hex Kelly

ROTATING HEAD

ADJ. CHOKE

AIR BOWL

7" FLOWLINE

#3000
BLIND RAM-PIPE RAM

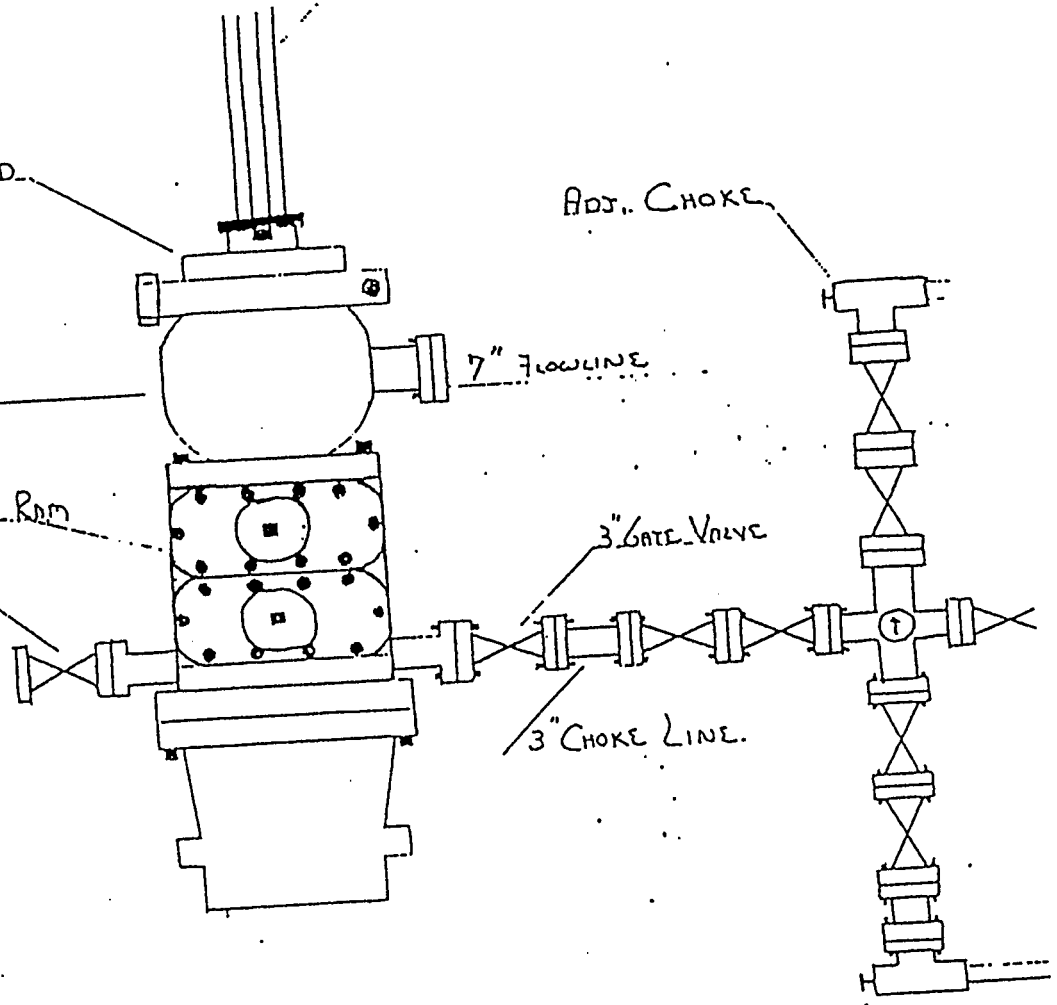
3" GATE VALVE

3" GATE VALVE

3" CHOKE LINE

ADJ. CHOKE

#3000 STACK



APPLICATION TO APPROPRIATE WATER
STATE OF UTAH47-1674

NOTE:—The information given in the following blanks should be free from explanatory matter, but when necessary, a complete supplementary statement should be made on the following page under the heading "Explanatory."

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, for uses indicated by (X) in the proper box or boxes, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of the Laws of Utah.

1. Irrigation ☒ Domestic ☐ Stockwatering ☐ Municipal ☐ Power ☐ Mining ☐ Other Uses ☒

2. The name of the applicant is Joe Shields

3. The Post Office address of the applicant is Myton, Utah 84052

4. The quantity of water to be appropriated .015 second-feet and/or _____ acre-feet

5. The water is to be used for Stockwatering & Other from _____ to _____
(Major Purpose) (Month) (Day) (Month) (Day)

other use period Irrigation from Apr. 1 to Oct. 31
(Minor Purpose) (Month) (Day) (Month) (Day)

and stored each year (if stored) from _____ to _____
(Month) (Day) (Month) (Day)

6. The drainage area to which the direct source of supply belongs is _____
(Leave Blank)

7. The direct source of supply is* Drain
(Name of stream or other source)

which is tributary to _____, tributary to _____

*Note.—Where water is to be diverted from a well, a tunnel, or drain, the source should be designated as "Underground Water" in the first space and the remaining spaces should be left blank. If the source is a stream, a spring, a spring area, or a drain, so indicate in the first space, giving its name, if named, and in the remaining spaces, designate the stream channels to which it is tributary, even though the water may sink, evaporate, or be diverted before reaching said channels. If water from a spring flows in a natural surface channel before being diverted, the direct source should be designated as a stream and not a spring.

8. The point of diversion from the source is in Duchesne County, situated at a point*
West 900 ft. South 1100ft. from E½ Cor. Sec. 15, T4S, R2W, USB&M
(3½ Miles SW of Myton)

*Note.—The point of diversion must be located definitely by course and distance or by giving the distances north or south, and east or west with reference to a United States land survey corner or United States mineral monument, if within a distance of six miles of either, or if at a greater distance, to some prominent and permanent natural object. No application will be received for filing in which the point of diversion is not defined definitely.

9. The diverting and carrying works will consist of a collection ditch to place of use

10. If water is to be stored, give capacity of reservoir in acre-feet _____ height of dam _____
area inundated in acres _____ legal subdivision of area inundated _____

11. If application is for irrigation purposes, the legal subdivisions of the area irrigated are as follows:
NE½SE¼ Sec. 15, T4S, R2W, USB&M

_____ Total .25 Acres

12. Is the land owned by the applicant? Yes X No _____ If "No," explain on page 2.

13. Is this water to be used supplementally with other water rights? Yes _____ No X
If "yes," identify other water rights on page 2.

14. If application is for power purposes, describe type of plant, size and rated capacity. _____

15. If application is for mining, the water will be used in _____ Mining District at
the _____ mine, where the following ores are mined _____

16. If application is for stockwatering purposes, number and kind of stock watered 320 Cattle
in NE½SE¼ Sec. 15, T4S, R2W, USB&M

17. If application is for domestic purposes, number of persons _____, or families _____

18. If application is for municipal purposes, name of municipality _____

19. If application is for other uses, include general description of proposed uses Oil Field use

20. Give place of use by legal subdivision of the United States Land Survey for all uses described in paragraphs 14 to 19, incl. Myton Oil Field in Pleasant Valley

21. The use of water as set forth in this application will consume .015 second-feet and/or acre-feet of water and _____ second feet and/or acre feet will be returned to the natural stream or source at a point described as follows: _____

EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described.

Signature of Applicant*

*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

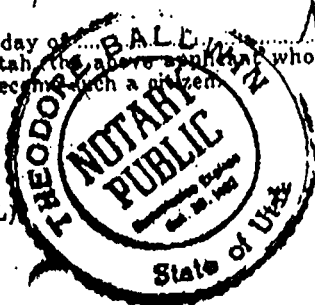
DECLARATION OF CITIZENSHIP

STATE OF UTAH, Vintah
County of.....

On the 10th day of May, 1932, personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)



Notary Public



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365
FAX: (406) 245-1361

September 9, 1993

RECEIVED
SEP 13 1993

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

**DIVISION OF
OIL, GAS & MINING**

Gentlemen:

Enclosed are sundry notices reporting changes in drilling water source and drilling rig for the following wells:

Balcron Monument Federal #41-15

Balcron Monument Federal #32-15

Balcron Monument Federal #14-11

Sincerely,

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosures

cc: Utah Division of Oil, Gas and Mining



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 []
FAX: (406) 245-1361 []

October 4, 1993

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Balcron Monument Federal #32-15
SW NE Sectio 15, T9S, R16E
Duchesne County, Utah

Enclosed is the Report of Spud for the referenced well.

Please feel free to contact me if you need any additional information.

Sincerely,

Molly M. Conrad
Operations Secretary

/mc

Enclosures

cc: State of Utah, Division of Oil, Gas, & Mining (also
attached is the Entity Action Form).

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: MONUMENT FEDERAL 32-15

API NO. 43-013-31368

Section 15 Township 9S Range 16E County DUCHESNE

Drilling Contractor

Rig #

SPUDDED: Date 10/2/93

Time

How DRY HOLE

Drilling will commence

Reported by BILL

Telephone #

Date 10/5/93 SIGNED JLT

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.
P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SW NE Section 15, T9S, R16E
1868' FNL, 1993' FEL

5. Lease Designation and Serial No.
U-017985

6. If Indian, Allottee or Tribe Name
n/a

7. If Unit or CA, Agreement Designation
Jonah Unit

8. Well Name and No.
Balcron Monument Fed. #32-15

9. API Well No.
43-013-31368

10. Field and Pool, or Exploratory Area
Monument Butte/Grn.River

11. County or Parish, State
Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>Report of Spud.</u>	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was spud at 10:30 a.m. on 10-2-93 with a dry-hole spudder (Leon Ross).

RECEIVED
OCT 06 1993

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman Title Coordinator of Environmental and Regulatory Affairs Date October 4, 1993

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

RECEIVED

OCT 06 1993

OPERATOR Equitable Resources Energy Company
Balcron Oil Division
ADDRESS P.O. Box 21017
Billings, MT 59104
(406) 259-7860

OPERATOR ACCT. NO. N0890

DIVISION OF

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	OIL, GAS & MINING	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11532	43-013-31368	Balcron Monument Federal #32-15	SW NE	15	9S	16E	Duchesne	10-2-93	10-2-93
WELL 1 COMMENTS: Spud of a new well. <i>Entity added 10-14-93. Lee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Bobbie Schuman
Signature Bobbie Schuman
Coordinator of Environmental and
Regulatory Affairs 10-4-93
Title 10-4-93 Date

Phone No. (406) 259-7860

BALCRON MONUMENT FEDERAL #32-15J**Operator: EREC/Balcron****BOD WI: 79.78%****Location: SW NE Sec. 15, T9S, R16E
Duchesne County, Utah****Prospect: Jonah Unit/Monument Butte**

9-20-93 Start location. Rock. Had to drill & shoot location. Pits in solid rock.

10-1-93 Finished location.

10-2-93 Moved in Leon Drilling. Spud 12-1/4" surface hole @ 10:30AM. Drilling 275', 12-1/4" hole TD @ 7:00PM.

10-4-93 RIH w/6 jts new 24#, J-55, 8-5/8" csg @ 268.89'. Set @ 276.69'KB. Cement w/150 sx Calss "G", 2% CC, 1/4 sx Cellosel. Plug down @ 4:00PM. 5 bbls cement to pits. Install pit liner.

10-5-93 Dig out around csg for welder to work. Weld head on.
CC: \$32,767

10-10-93 TD: 753' (477') Day 1
Formation: Duchesne
Present Operation: Drilling
MIRU. NU BOP & choke manifold. Test BOP & choke manifold 2000#. Test 8-5/8" csg to 1500# - OK.
DC: \$11,584 CC: \$44,351

10-11-93 TD: 2193' (1440') Day 2
Formation: Green River
Present Operation: Drilling
Drill, survey, rig service.
DC: \$18,464 CC: \$62,815

Page 1 of 1

Balcron Oil
DAILY OPERATING REPORT

DATE: 10/12/93

****JONAH UNIT PARTNERS' REPORT****

BALCRON MONUMENT FEDERAL #12-12J

Operator: EREC/Balcron
BOD WI: 79.78%
Location: SW NW Section 12, T9S, R16E
Duchesne County, Utah
Prospect: Jonah Unit / Monument Butte
PTD: 5,800' Green River Oil - Dev.

10-9-93 Well spud w/a dry-hole spudder (Leon Ross) on 10-9-93 @ 10 a.m.

BALCRON MONUMENT FEDERAL #14-5J

Operator: EREC/Balcron
BOD WI: 79.78%
Location: SW SW Section 5, T9S, R17E
Duchesne County, Utah
Prospect: Jonah Unit/Monument Butte

---TIGHT HOLE---

10-12-93 TD: 5,700' (200') Day 9
Formation: Wasatch Tongue
MW 8.4 VIS 26 pH 9.2
Present Operation: Logging
Drill, rig service, & survey. Trip for hole in drill pipe &
cracked drill collar. Trip back in w/bit #2. Drill to TD @ 12:30
midnight. TOH to log, logging w/Schlumberger.
DC: \$6,772 CC: \$113,343

BALCRON MONUMENT FEDERAL #32-15J

Operator: Balcron/EREC
BOD WI: 100%
Location: SW NE Section 15, T9S, R16E
Duchesne County, Utah
Prospect: Monument Butte
PTD: 5610' Green River Oil - Dev.

---TIGHT HOLE---

10-12-93 TD: 3,300' (1,107') Day 3
Formation: Green River
MW air & foam
Present Operation: Drilling
Drill, survey, & rig service.
DC: \$15,185 CC: \$78,000

BALCRON MONUMENT FEDERAL #41-15J

Operator: EREC/Balcron
BOD WI: 79.78%
Location: NE NE Section 15, T9S, R16E
Duchesne County, Utah
Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

10-11-93 Completion
Dress up location. Set rig anchors. Run Bond log on well.
DC: \$5,445

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EQUITABLE RESOURCES

WELL NAME: BALCRON MONUMENT FEDERAL 32-15

API NO. 43-013-31368

Section 15 Township 9S Range 16E County DUCHESNE

Drilling Contractor UNION

Rig # 17

SPUDDED: Date 10/13/93

Time

How ROTARY

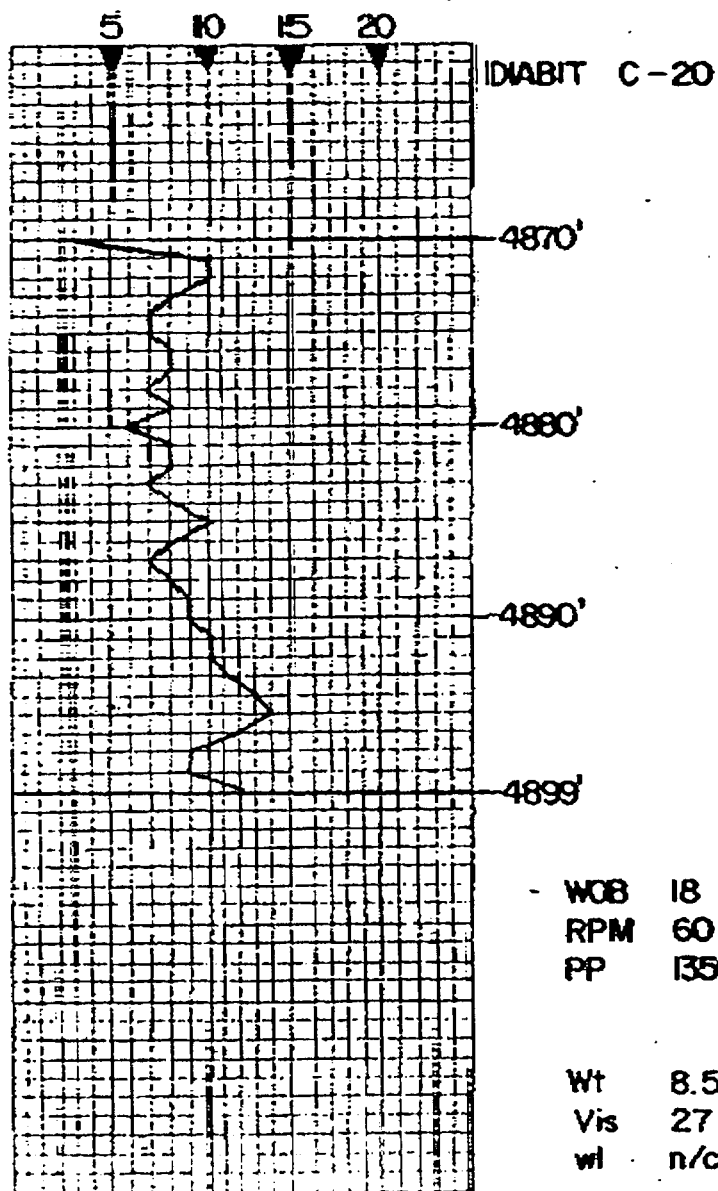
Drilling will commence

Reported by DENNIS INGRAM-DOGM

Telephone #

Date 10/21/93 SIGNED JLT

P.2/4

FORMATION: Douglas Creek G-1 INTERVAL: 4870' - 4899' CUT: 29' RECOVERED: 29'CORE COMPANY: BHI DATE: 14 Oct 93 CORE SIZE: 4" HOLE SIZE: 7 7/8"WELL SITE ANALYSIS BY: Roy ClementLAB ANALYSIS BY: Omni of Houston TX

DESCRIPTION

4870' - 4879'
Shale: dark gray to graygreen, firm, platy, silty in part, slightly calcareous, occasional healed vertical fracture with black asphalt residue along fractures, no fluorine immediate bluewhite streaming cut from asphalt residue

4879' - 4882'
Siltstone: medium gray, firm, calcareous, grading to Shale in part

4882' - 4885'
Shale: medium to dark gray, firm, platy, slightly calcareous silty in part

4885' - 4887'
Siltstone: medium to dark gray, firm, calcareous, grading to Shale in part

4887' - 4899'
Shale: medium to dark gray, firm, slightly calcareous, silty in part, open vertical fracture from 4894' to 4896' possibly induced by coring

1 406 245 1361
OCT 15 '93 11:35AM I RON OIL DIV

Page 2 of 6

Balcron Oil
DAILY OPERATING REPORT

DATE: 10/15/93

****JONAH UNIT PARTNERS' REPORT******BALCRON MONUMENT FEDERAL #41-15J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: NE NE Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

10-14-93 Completion
TOOH w/tbg, SN, scraper & bit. RU Schlumberger to perf 5554'-72'
10 holes, & 5604'-14' 6 holes. RD Schlumberger. TIH w/RBP, 4'
sub, 5-1/2" packer, SN & 181 jts tbg, set BP @ 5650' KB, set packer
@ 5580' KB. RU Dowell to do HCL breakdown. Refer to treatment
report attached. Reset BP @ 5587' & set packer @ 5517'. Do HCL
breakdown refer to treatment report. SWIFN. Load to recover 159
BW & acid.
DC: \$6,733

BALCRON MONUMENT FEDERAL #32-15

Operator: Balcron/EREC

BOD WI: 79.78%

Location: SW NE Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Monument Butte

---TIGHT HOLE---

10-15-93 TD: 4,899' (217') Day 6
Formation: Green River
MW 8.4 VIS 27 pH 10.5
Present Operation: TIH
Drill, circ, TOH, PU core bbl & start coring @ 4870'-4899', TOH LD
core. TIH. No sand in core. See core #1 attached.
DC: \$8,632 CC: \$108,997

DAILY OPERATING REPORT**DATE:** 10/18/93**BALCRON MONUMENT FEDERAL #41-15J****Operator:** EREC/Balcron**BOD WI:** 79.78%**Location:** NE NE Section 15, T9S, R16E
Duchesne County, Utah**Prospect:** Jonah Unit / Monument Butte**---TIGHT HOLE---****10-15-93 Completion**

CP - 70 psi. Release packer, TIH & circ balls of BP, release BP, reset BP @ 5650'KB. Set packer @ 5517'KB. Made 21 swab runs, swabbed back 126 BW, trace of oil on last 14 runs, no gas, fluid level stable @ 4200' last 6 runs. Release packer TOOH w/177 jts 2-7/8" tbg, SN, 5-1/2" HD packer, 2-7/8" x 4' sub & BP retrieving tool, left BP set at 5650' KB. SWIFN. Load to recover 33 BW.
DC: \$1,360

10-16-93 Completion

CP - 10 psi. RU Dowell to frac, pressure test surface equipment 4200# - OK. Start frac, frac well w/62,428# 16-30 mesh sand in 733 STB fluid. ISIP - 2775#, 15 min 1716#, 10 min 1515#, 15 min 1433#. Defective valve on truck. SWIFN.
DC: \$29,391

10-17-93 Completion

CP - 780#. TIH w/retrieving head, 1 jt 2-7/8" tbg, packer, SN & 110 jts 2-7/8" tbg. Tag sand fill @ 3419' KB, circ clean to 5650' KB @ BP, set packer @ 5517'. Made 13 swab runs, recovered 78 BW, trace of oil. Well cleaned up on last 2 runs. TIH & release BP, reset BP @ 5025' KB. SWIFN. Load to recover 688 BW.
DC: \$2,705

BALCRON MONUMENT FEDERAL #32-15**Operator:** Balcron/EREC**BOD WI:** 79.78%**Location:** SW NE Section 15, T9S, R16E
Duchesne County, Utah**Prospect:** Monument Butte**---TIGHT HOLE---****10-16-93 TD: 5,430' (531') Day 7****Formation:** Green River**MW 8.4 VIS 26 pH 10****Present Operation:** TOOH

TIH, drill, survey, circ, TOH for core bbl. Work on pump engine.

DC: \$10,137**CC: \$119,134****10-17-93 TD: 5,468' (38') Day 8****Formation:** Green River**MW 8.5 VIS 27 pH 10****Present Operation:** TIH

Finish TOOH. PU core bbl & TIH. Core 5430'-5455' & jammed. TOH & LD 22' of core. TIH w/core bbl. Core 5455'-5468', core bbl jammed. TOH & LD 13' of core. TIH w/core bbl. Evening tour chain hand broke arm.

DC: \$7,043**CC: \$126,177****10-18-93 TD: 5,505' (37') Day 9****Formation:** Green River**Present Operation:** Circ.

Cut core, jammed, TOH, empty core bbl. TIH & circ, cut core, jammed, TOH, LD core. TIH w/core bbl, circ. Very bad coring job.

DC: \$6,600**CC: \$132,778**

Page 1 of 3

Balcron Oil
DAILY OPERATING REPORT

DATE: 10/19/93

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRON MONUMENT FEDERAL #41-15J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: NE NE Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

10-18-93 Completion

CP - TP - 0. TOOH w/tbg, SN, packer, 1 jt 2-7/8" tbg, retrieving head, & BP. RU Schlumberger to perf 4985'-92' KB (2 SPF). RD Schlumberger. TIH w/retrieving head, 1 jt 2-7/8" tbg, 5-1/2" packer, SN & 158 jts 2-7/8" tbg. BP set @ 5025' KB, set packer @ 4921' KB. EOT 4962' KB. RU Western to do KCL break down. Refer to treatment report attached. RD Western. Made 3 swab runs, recovered 20 BW, trace of oil. TOOH w/tbg, SN, packer, 1 jt tbg & retrieving head. SWIFN. Load to recover 717 BW. DC: \$4,216

BALCRON MONUMENT FEDERAL #32-15

Operator: Balcron/EREC

BOD WI: 79.78%

Location: SW NE Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Monument Butte

---TIGHT HOLE---

10-19-93 TD: 5,610' (105') Day 10

Formation: Green River

MW 8.5 VIS 27 pH 10.5

Present Operation: Logging

Circ, cut core, jammed, trip out, LD core & core bbl. TIH & drill to TD. Circ TOH, RU Schlumberger & log. Core 5505'-5518'.

DC: \$22,644

CC: \$155,422

Balcron Oil
DAILY OPERATING REPORT

DATE: 10/20/93

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRO MONUMENT FEDERAL #42-1J**

Operator: EREC/Balcron
BOD WI: 79.78%
Location: SE NE Section 1, T9S, 16E
Duchesne County, Utah
Prospect: Jonah Unit / Monument Butte
PTD: 5,850' Green River Oil - Dev.

10-19-93 Well spud @ 10 a.m. 10-19-93.

BALCRO MONUMENT FEDERAL #14-5J

Operator: EREC/Balcron
BOD WI: 79.78%
Location: SW SW Section 5, T9S, R17E
Duchesne County, Utah
Prospect: Jonah Unit/Monument Butte

---TIGHT HOLE---

10-19-93 Completion

MIRU Basin Well Service Rig #2. NU BOP, TIH w/5-1/2" csg scraper, SN & 184 jts 2-7/8" tbq. Tag PBD @ 4652' KB. Circ hole clean w/130 bbls 2% KCL wtr. Test csg & BOP to 1000 psi - OK. SWIFN.
DC: \$12,790

BALCRO MONUMENT FEDERAL #41-15J

Operator: EREC/Balcron
BOD WI: 79.78%
Location: NE NE Section 15, T9S, R16E
Duchesne County, Utah
Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

10-20-93 Completion

CP - 35 psi. RU Western to frac. Refer to treatment report attached.
RD Western. SWIFN. Load to recover 967 BW.
DC: \$17,994

BALCRO MONUMENT FEDERAL #32-15J

Operator: Balcron/EREC
BOD WI: 79.78%
Location: SW NE Section 15, T9S, R16E
Duchesne County, Utah
Prospect: Monument Butte

---TIGHT HOLE---

10-20-93 TD: 5,610' (0') Day 11

Formation: Green River

Present Operation: Run 5-1/2" csg.

Log well, TIH, circ, LD drill pipe & collars. Run 5-1/2" csg.

DC: \$32,600

CC: \$188,022

Balcron Oil
DAILY OPERATING REPORT

DATE: 10/25/93

****JONAH UNIT PARTNERS' DAILY REPORT****

BALCRON MONUMENT FEDERAL #14-5J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SW Section 5, T9S, R17E
Duchesne County, Utah

Prospect: Jonah Unit/Monument Butte

---TIGHT HOLE---

10-22-93 Completion

CP - 900 psi. Flow back 40 BW. TIH w/1 jt 2-7/8" tbg, packer, SN, & 178 jts tbg. Tag sand fill @ 5480' KB, circ sand out to 5652', set packer @ 5410' KB. Made 22 swab runs. Recovered 100 BW. Last 5 runs 20% oil, still getting sand back. SWIFN. Load to recover 445 BW.
DC: \$1,834

BALCRON MONUMENT FEDERAL #23-11

Operator: Balcron/EREC

BOD WI: 79.78%

Location: NE SW Section 11, T9S, R16E
Duchesne County, Utah

Prospect: Monument Butte

---TIGHT HOLE---

10-22-93 Completion

Change vent system on production tanks.

DC: \$595

BALCRON MONUMENT FEDERAL #41-15J

Operator: EREC/Balcron

BOD WI: 79.78%

Location: NE NE Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

10-22-93 Completion

TIH w/1 BHP 2-1/2" x 1-1/2" x 16' RWAC w/PA plunger; 222 3/4" x 25' plain rods; two 3/4" x 8' ponys; one 1-1/4" x 16' polish rod. RDMO. Load to recover 787 BW.
DC: \$6,940

BALCRON MONUMENT FEDERAL #32-15

Operator: Balcron/EREC

BOD WI: 79.78%

Location: SW NE Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Monument Butte

---TIGHT HOLE---

10-22-93 Completion

MIRU Cannon Well Service Rig #1. RU Schlumberger to run CBL. RD Schlumberger.
DC: \$1,334



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860

FAX: (406) 245-1365 ☐

FAX: (406) 245-1361 ☒

October 21, 1993

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

RE: Balcron Monument Federal #32-15J
SW NE Section 15, T9S, R16E
Duchesne County, Utah

Enclosed is our Report of a Rig Change for the referenced well.

Please feel free to contact me if you need any additional information.

Sincerely,

Molly M. Conrad
Operations Secretary

CONFIDENTIAL

/mc

cc: State of Utah, Division of Oil, Gas, & Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Fed. #32-15

9. API Well No.

43-013-31368

10. Field and Pool, or Exploratory Area

Monument Butte/Grn.River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE Section 15, T9S, R16E

1868' FNL, 1993' FEL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change in Rig
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator will be using a completion rig to complete this well.

CONFIDENTIAL

OCT 25 1993

OFFICE OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Coordinator of Environmental
and Regulatory Affairs

Date October 21, 1993

Signed Bobbie Schuman

Title

Date

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title

Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Page 1 of 2

Balcron Oil
DAILY OPERATING REPORT

DATE: 10/26/93

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRON MONUMENT FEDERAL #14-5J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SW Section 5, T9S, R17E
Duchesne County, Utah

Prospect: Jonah Unit/Monument Butte

---TIGHT HOLE---

10-25-93 Completion

CP - 0, TP - 350 psi. Flow 15 BO. Made 5 swab runs, recovered 40
BF, 35 oil, 5 wtr, & no sand. Release packer, tag sand fill @
5630' KB. Circ clean to 5652' (PBTD), TOOH w/tbg, SN, packer & 1
jt tbg. SWIFN.
DC: \$2,411

BALCRON MONUMENT FEDERAL #23-11

Operator: Balcron/EREC

BOD WI: 79.78%

Location: NE SW Section 11, T9S, R16E
Duchesne County, Utah

Prospect: Monument Butte

---TIGHT HOLE---

10-25-93 Completion

Hook up frac tank for temp production tank.
DC: \$1,255

BALCRON MONUMENT FEDERAL #32-15

Operator: Balcron/EREC

BOD WI: 79.78%

Location: SW NE Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

---TIGHT HOLE---

10-25-93 Completion

TIH w/4-3/4" bit, csg scraper & 180 jts 2-7/8" tbg. Tag PBTD @
556' KB, circ hole clean w/120 bbls 2% KCL wtr. TOOH w/tbg scraper
& bit. Pressure csg & BOP 100 psi - OK. RU Schlumberger to perf
5496'-98' (2 SPF). RD Schlumberger. TIH w/1 jt 2-7/8" tbg,
packer, SN & 175 jts tbg, set packer @ 5431' KB. EOT @ 5466' KB.
RU Dowell to do acid breakdown - refer to treatment report
attached. Pressure test surface equipment to 4850 psi - OK. Spot
acid at perfs, could not breakdown w/4450 psi, packer failed, TOOH
w/tbg & packer, TIH w/new packer & tbg, set packer @ 4691',
pressure to 4025' psi for 10 min, no break, packer failed. POOH 8
stds. SWIFN.
DC: \$33,153



EQUITABLE RESOURCES
ENERGY COMPANY
BALCON OIL DIVISION
1001 Lewis Avenue
P.O. Box 21017
Birmingham, AL 35204-1017

TREATMENT REPORT

Well Name Monument Rd. 32-15 Date of Treatment: 10-25-93
Field Monument Rd. SEC. 15 TWN. 9S RNG. 16E
County Duchene State OK
Formation/Perforations: Green River 15496-98 25PF

Treatment type: acid Break Down Total Number of Holes: 4

Volume	Fluid	Conc.	Sand Characteristics	
			Size	Volume
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____
_____	Gal.	_____	_____	_____

TOTAL FLUID PUMPED: 2.50 gal. 2% Hcl Acid fluid
_____ gal. _____ fluid

TOTAL SAND VOL.: _____ lbs. _____ sand
_____ lbs. _____ sand
_____ lbs. _____ sand
_____ lbs. _____ bauxite

Flushed well with _____ gal. of _____
_____ ball sealers were pumped. Was ball action seen? _____
Barrels of Load to Recover _____ BUTR.
Avg. Treating Pressure = _____ psi, max = 4450 psi, min = _____ psi.
Avg. Treating Rate = _____ bpm, max = _____ bpm, min = _____ bpm.
ISIP = _____ psi, 5 min. = _____ psi, 10 min. = _____ psi, 15 min. = _____ psi.
Well will be shut in for _____ hrs. before bringing back fluid.

REMARKS: not acid at perfor, set pH,
initial break at PSI at 4 BPM, down to PSI at 4 BPM
NO BREAK

Balcron Oil
DAILY OPERATING REPORT

DATE: 10/27/93

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRON MONUMENT FEDERAL #14-5J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: SW SW Section 5, T9S, R17E
Duchesne County, Utah

Prospect: Jonah Unit/Monument Butte

---TIGHT HOLE---

10-26-93 Completion

RU Schlumberger to perf 5096'-99' 2 SPF & 4918'-26' 2 SPF. RD schlumberger. BP set @ 5150' KB. TIH w/RBP, retrieving head, 1 jt 2-7/8" tbg, packer, SN & 157 jts 2-7/8" tbg. Set packer @ 5040' KB, EOT at 5070' KB. RU Western to do KCL breakdown. Refer to Treatment Report. Pressure tst surface equipment to 5000 psi - OK. Circ balls off plug, reset BP @ 5045' KB, reset packer @ 4854', EOT at 4884' KB. Refer to Treatment Report. Test surface equipment to 5000 psi - OK. RD Western, release packer, circ frac balls off BP, reset BP @ 5150', set packer @ 4854', made 5 swab runs, recovered 30 BW, trace of oil, release packer, TOOH w/tbg & packer. SWIFN. Load to recover 464 BW.

DC: \$7,076

BALCRON MONUMENT FEDERAL #32-15

Operator: Balcron/EREC

BOD WI: 79.78%

Location: SW NE Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Monument Butte

---TIGHT HOLE---

10-26-93 Completion

TIH to 5553', circ well clean w/2% KCL wtr. TOOH w/tbg, SN & packer. RU Schlumberger to reperforate 5496'-98' w/2 SPF. RD Schlumberger. TIH w/1 jt 2-7/8" tbg, 5-1/2" packer, SN, & 175 jts 2-7/8" tbg. Set packer at 5431' KB, EOT at 5466' KB. RU Western to do KCL breakdown. Pressure test surface equipment to 6000 psi - OK. Start pumping, pressure up to 4000 psi, held pressure for 1 min, then started communicating w/csg, drop standing valve to test tbg. Tbg held good. TOOH w/tbg & packer. RU Schlumberger to perf 5454-56' 5 SPF. RD Schlumberger & SWIFN.

DC: \$6,938

BALCRON MONUMENT FEDERAL #23-15

Operator: Balcron/EREC

BOD WI: 79.78

Location: NE SW Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Monument Butte

---TIGHT HOLE---

10-27-93 TD: 5,488' (766') Day 6

Formation: Green Zone

MW 8.4 VIS 26 Air & Mist

Present Operation: Blow hole.

Drill, survey, clean on rig. Blow hole, get ready to go to fluid & trip for bit.

DC: \$10,527

CC: \$103,760



The Western Company—Treatment Report

Date 10-26-93 District Unverm. F. Receipt 293622 Operator BALSK
 Lease Federal Well No. 32-15-3 Field PhosAUT Valley Location Sec. 15 T. 9S R. 16E
 County Duchesne State UT Stage Number _____ This Zone ☐ This Well ☒

WELL DATA	OOB	NGO	NOO	OOB	WDO	IWO	Misc	Depth TB/PB	Formation
Tubing Size	2	8	WT.	6.5	Set at:	5466	Type Packer	—	Set At
Gasing Size	5.5	WT.	15.3	Set From	Surf	To	FB	Liner Size	—
Liner Set From	—	To	—	Open Hole: Size	—	From	—	To	—
Holes Per Foot	—	Intervals	5496 - 5498	Gasing Perforations: Size	—				
Previous Treatment	N/A	Prior Production	N/A						

TREATMENT DATA Pad Used: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Pad Type _____ Treating Fluid Type: Foam <input type="checkbox"/> Water <input checked="" type="checkbox"/> Acid <input type="checkbox"/> Oil <input type="checkbox"/> Treat. Fluid Vol. _____ Gal. Base Fluid Type <u>2% XCL</u> Base Fluid Vol. _____ Gal. Foam Qual.: _____ % Mitchell <input type="checkbox"/> Slurry <input type="checkbox"/> Surface <input type="checkbox"/> Downhole <input type="checkbox"/> Total Prop Qty. _____ Lbs. Prop Type: Sand <input type="checkbox"/> WP-1 <input type="checkbox"/> WP-3 <input type="checkbox"/> Baux. <input type="checkbox"/> Other _____ Prop Mesh Sizes, Types and Quantities _____ Hole Loaded With <u>XCL</u> Treat Via: Tubing <input type="checkbox"/> Casing <input type="checkbox"/> Anul. <input type="checkbox"/> Tubing & Anul. <input type="checkbox"/> Ball Sealers: _____ in _____ Stages of _____ Types and Number of Pumps Used <u>1 Acid Frac 500</u> Auxiliary Materials <u>0 Balls 1.3 qt GR "18"</u>		LIQUID/GAS PUMPED AND CAPACITIES IN BBLs Tubing Cap. <u>31.6</u> Casing Cap. <u>7</u> Annular Cap. <u>-</u> Open Hole Cap. <u>-</u> Fluid to Load _____ Pad Volume _____ Treating Fluid <u>XCL</u> Flush _____ Overflush _____ Fluid to Recover <u>24.8</u> Total N ₂ _____ Total CO ₂ _____
PROCEDURE SUMMARY <u>Drop Balls in XCL Flush to Bottom Port</u>		

[illegible]

Treating Pressure: Min. _____ Max. 7000 Avg. _____ Customer Representative W. L. GRIFFIN
Inj. Rate on Treating Fluid _____ Rate on Flush _____ Western Representative Red B. HARRIS
Avg. Inj. Rate _____ I.S.D.P. _____ Flush Dens. lb./gal. 8.4 Distribution _____
Final Shut-in Pressure _____ in _____ Minutes _____
Operator's Maximum Pressure 7000

BALLCRON OIL COMPANY
BALCRON MONUMENT FEDERAL #32-15
SW NE SECTION 15, T9S, R16E
DUCHESNE COUNTY, UTAH

CONFIDENTIAL

RECEIVED

OCT 28 1993

DIVISION OF
OIL, GAS & MINING

BALCRON OIL COMPANY

BALCRON MONUMENT FEDERAL #32-15J

SW NE SECTION 15, T9S, R16E

DUCHESNE COUNTY, UTAH

CONFIDENTIAL

Prepared by:

Roy L. Clement
c/o Clement Consulting
7703 Clark Avenue
Billings, Montana 59106
(406) 656-9514

Prepared for:

Keven K. Reinschmidt &
Steve VanDelinder
c/o Balcron Oil Company
Post Office Box 21017
Billings, MT 59104
(406) 259-7860

Clement Consulting

Roy L. Clement
Wellsite Geologist

7703 Clark Avenue
Billings, MT 59106
406-656-9514

Northern Rockies
Williston Basin
Horizontal Experience

WELL DATA SUMMARY

OPERATOR: BALCRON OIL COMPANY

ADDRESS: Post Office Box 21017
Billings, Montana 59104

WELL NAME: Balcron Monument Federal #32-15J

FIELD: Monument Butte

LOCATION: 1868' FNL & 1993' FEL
SW NE SECTION 15, T9S, R16E

LEASE#: U-017985

COUNTY: Duchesne

STATE: Utah

BASIN: Uinta

WELL TYPE: Injection Well for water flood program

BASIS OF PROSPECT: Oil Production @ Monument Butte Field

ELEVATION: GL: 5681' SUB: 10' KB: 5691'

SPUD DATE: October 9, 1993 @ 1900 hrs MDT

TOTAL DEPTH/DATE: 5610' on October 18, 1993

TOTAL DRILLING DAYS: 9 TOTAL ROTATING HOURS: 118.75

STATUS OF WELL: Cased for Completion on October 20, 1993

CONTRACTOR: Union Drilling Company, Rig #17

TOOLPUSHER: Dave Gray

FIELD SUPERVISOR: Al Plunkett

MUD ENGINEER: Larry Dye of Unibar Energy Services, Inc.

MUD TYPE: Air/Foam from surface to 3800';
KCL/Fresh Water from 3800' to TD.

WELLSITE GEOLOGIST: Roy L. Clement

PROSPECT GEOLOGISTS: Keven K. Reinschmidt and Steve W. VanDelinder
of Balcron Oil Company

MUDLOGGERS: Larry Vodall and Scott Burnett of Chief Well Logging

SAMPLING PROGRAM: 50' samples from 1300' to 3800'; 20' samples from

3800' to 5610' (TD). All samples lagged and caught by mud loggers. One dry set of samples sent to the state of Utah.

HOLE SIZE: 12 1/4" to 286'
7 7/8" to TD

CASING: 8 5/8" surface casing pre-set at 276'
5 1/2" production casing to Total Depth

DRILL STEM TEST: None

CORE PROGRAM: 3 planned, 6 undertaken

CORE NO. 1: 4870'-4899' Driller; 4862'-4891' Logger
Formation: G-1; Cut & Recovered 29'

CORE NO. 2: 5430'-5455' Driller; 5422'-5447' Logger
Formation: B-1; Cut 25' & Recovered 21' (barrel jammed by loose core catcher)

CORE NO. 3: 5455'-5468' Driller; 5447'-5460' Logger
Formation: B-1; Cut & Recovered 13' (barrel jammed)

CORE NO. 4: 5468'-5489' Driller; 5460'-5481' Logger
Formation: B-1; cut 21' & recovered 14' (barrel jammed)

CORE NO. 5: 5489'-5505' Driller; 5481'-5497' Logger
Formation: B-2; cut 16' & recovered 15' (barrel jammed)

CORE NO. 6: 5505'-5518' Driller; 5497'-5510' Logger
Formation: B-2; cut 13' & recovered 11' (barrel jammed)

Core Company: BHI; Core Engineer: Roy Ross

ELECTRIC LOGGING PROGRAM: 1.) DLL/MFSL/GR/CAL from 5606' - 275'
2.) LDT/CNL/GR/CAL from 5577' - 2200'
3.) FMI/GR @ selected intervals
4.) RFT/GR @ selected intervals

LOG TOPS: Green River @ 1488'; Second Garden Gulch @ 3757';
Douglas Creek @ 4541'; R-5 @ 4717'; G-1 absent; G-6 @
5180'; Carbonate Marker @ 5399'; B-1 @ 5440'; B-2 @
5490'; TD @ 6192'.

LOGGING COMPANY: Schlumberger
LOGGING ENGINEER: Ron Allmaras

CORRELATION WELL: 1.) Diamond Shamrock
Castle Peak Federal #31-15
Nw Ne Section 15, T9S, R16E

DISTRIBUTION LIST: Balcron Oil Company
Attn: Keven K. Reinschmidt & Steve W. VanDelinder
Post Office Box 21017
Billings, MT 59104

Balcron Oil Company
Attn: Dale Griffin
275-CO.RD-120
Craig, CO 81625

Wildrose Resources Corporation
Attn: Kathleen L. Cox
4949 S. Albion Street
Littleton, CO 80121

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

State of Utah
Division of Oil, Gas, and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180

PG&E Resource Company
Attn: John Wingert
6688 N. Central Expressway
Dallas, TX 75206

Estate of Raymond Chorney
Attn: Craig Larson
555 17th Street, Suite 1000
Denver, CO 80202

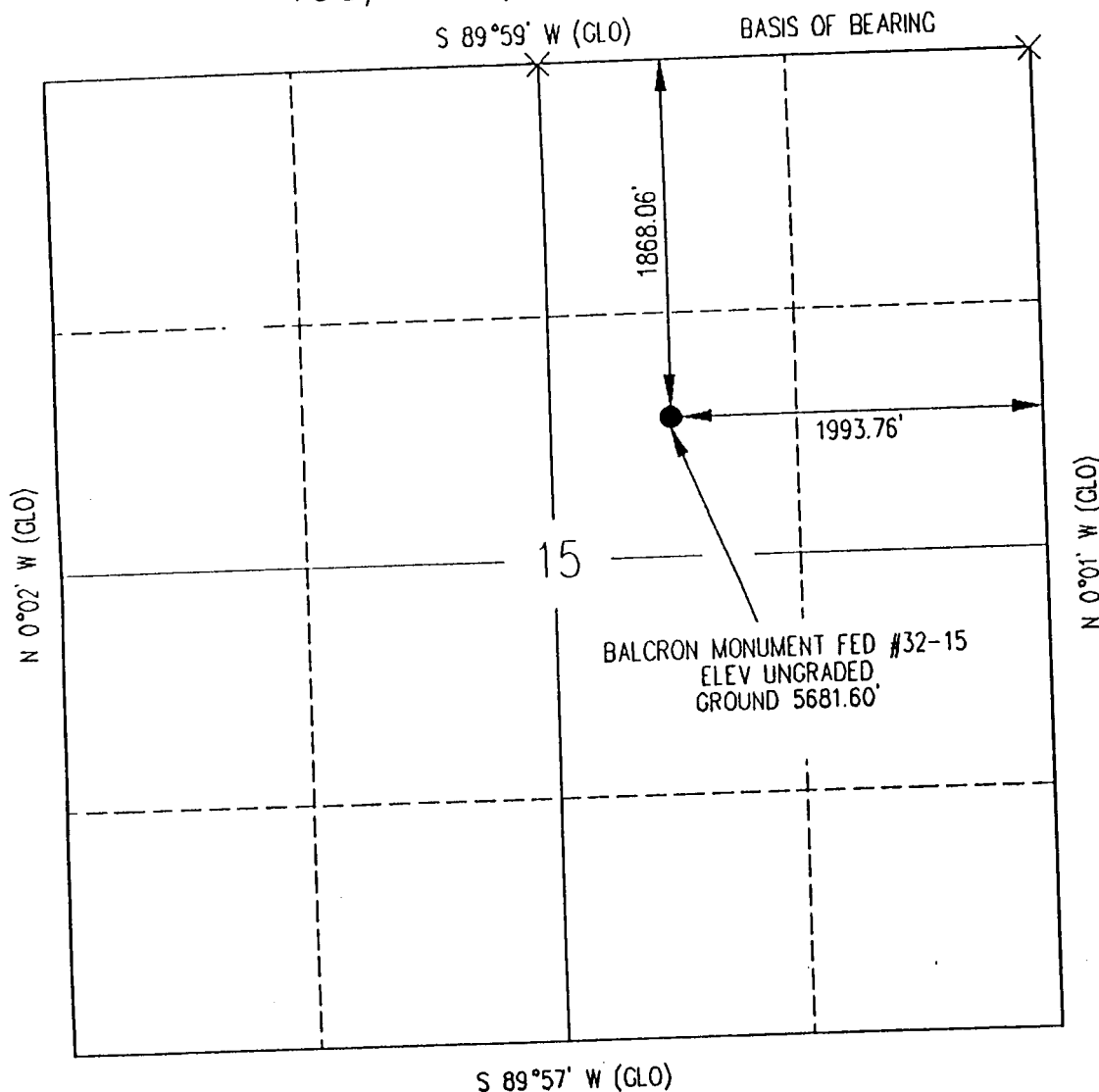
ALTA Energy Corporation
Attn: Ken Peters
410 17th Street, Suite 430
Denver, CO 80202

Lomax Exploration Company
Attn: Bill Pennington
77 West 200 South, Suite 402
Salt Lake City, UT 84101

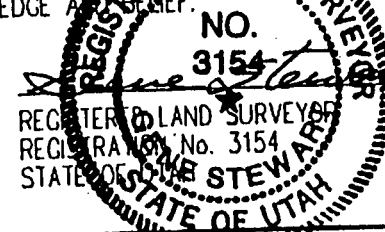
T9S, R16E, S.L.B. & M.

EQUITABLE RESOURCES ENERGY CO.

WELL LOCATION, BALCRON MONUMENT FED #32-15,
LOCATED AS SHOWN IN THE SW 1/4 NE 1/4
OF SECTION 15, T9S, R16E, S.L.B. & M,
DUCHESE COUNTY UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF.



X = SECTION CORNERS LOCATED
BASIS OF BEARINGS; G.L.O. PLAT 1911
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SOUTHEAST)

TRI STATE LAND SURVEYING & CONSULTING
38 EAST 100 NORTH, VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: SS KH
DATE: 7/28/92	WEATHER: CLEAR & HOT
NOTES:	FILE # M-32-15

GEOLOGIC EVALUATION

The Balcron Monument Federal #32-15J was drilled as a water injection well in the southwestern portion of Monument Butte Field in the Uinta Basin of Utah. The #32-15J will be completed as part of Balcron Oil Company's water flood project in the Jonah Unit of the field. Monument Butte Field produces both oil and gas from several Tertiary aged sands in the Green River Formation.

The Monument Federal #32-15J was spudded on October 9, 1993 at a location in the SW NE of Section 15, T9S, R16E. Six cores were undertaken as part of Balcron's extensive study of the reservoirs at Monument Butte Field. In addition to the coring program, the well bore was further evaluated by a well site geologist, two man mud logging unit and a complete suite of E-Logs. The #32-15J was drilled to a total depth of 5610' in nine days and was cased for completion as a water injection well on October 20, 1993.

Zones of Interest:

Numerous gas and sample shows, including oil on the pits, were note from 2565' to 2860'. Samples indicate unconsolidated, bituminous to asphaltic sands with cross-plotted porosity ranging from 14 to 17% and relatively clean gamma ray readings through the interval at 2600' to 2660'. Although these shallow sands have not been extensively production tested at Monument Butte Field, further evaluation may be warranted.

A 136 unit net gas increase with the full range of gas components was recorded at 3832'. Drill cuttings were comprised of fairly consolidated, silty sandstone with dark brown asphaltic staining. E-Logs indicate 8' ranging from 15 to 18% porosity at 3828' to 3839' with a dirty or silty gamma ray profile.

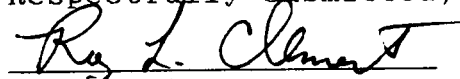
The Y-2 Sand was penetrated with a 50 unit gas increase and C1 through NC4 components. Porosity ranges from 15 to 17% at 4098' to 4105' with samples consisting of a friable to poorly consolidated, asphaltic sand.

The R-5 Sand was present from 4726' to 4736' with 10' averaging 16% porosity. This interval was penetrated with a 523 unit net gas increase and full range of gases. Samples indicated a very fine to fine grained sandstone with light brown oil staining.

Core #1 was undertaken over the G-1 interval. The sand, however, proved to be absent at the #32-15J location. 29' were cored and successfully recovered. The core graded from shale to siltstone with no sand and E-logs confirm the lack of sandstones in the G-1 interval.

Cores #2-6 were taken consecutively through the B-1 and B-2 intervals. A total of 88' were cored from 5422' to 5510' (logger's depth). Jamming of the core barrel was a persistent problem with each core due to the presence of numerous fractures. The B-1 Sand was topped at 5440' and consisted of a very fine to medium grained sandstone with poor visual porosity, numerous open and tight vertical fractures and dark brown bleeding oil. Porosity logs prove the B-1 to be relatively tight with the exception of a 2' streak of 15% porosity at 5454' to 5456'. The B-2 top occurred at 5490'. This interval also proved to be a relatively tight sandstone with very poor visual porosity and open vertical fracturing. Light orange to yelloworange bleeding oil and staining were noted through out the B-2 which may indicate a completely seperate reservoir from the over lying B-1 zone. The Neutron-Density logs cross over at 5496' to 5498', indicating a possible gas zone.

Respectfully submitted,



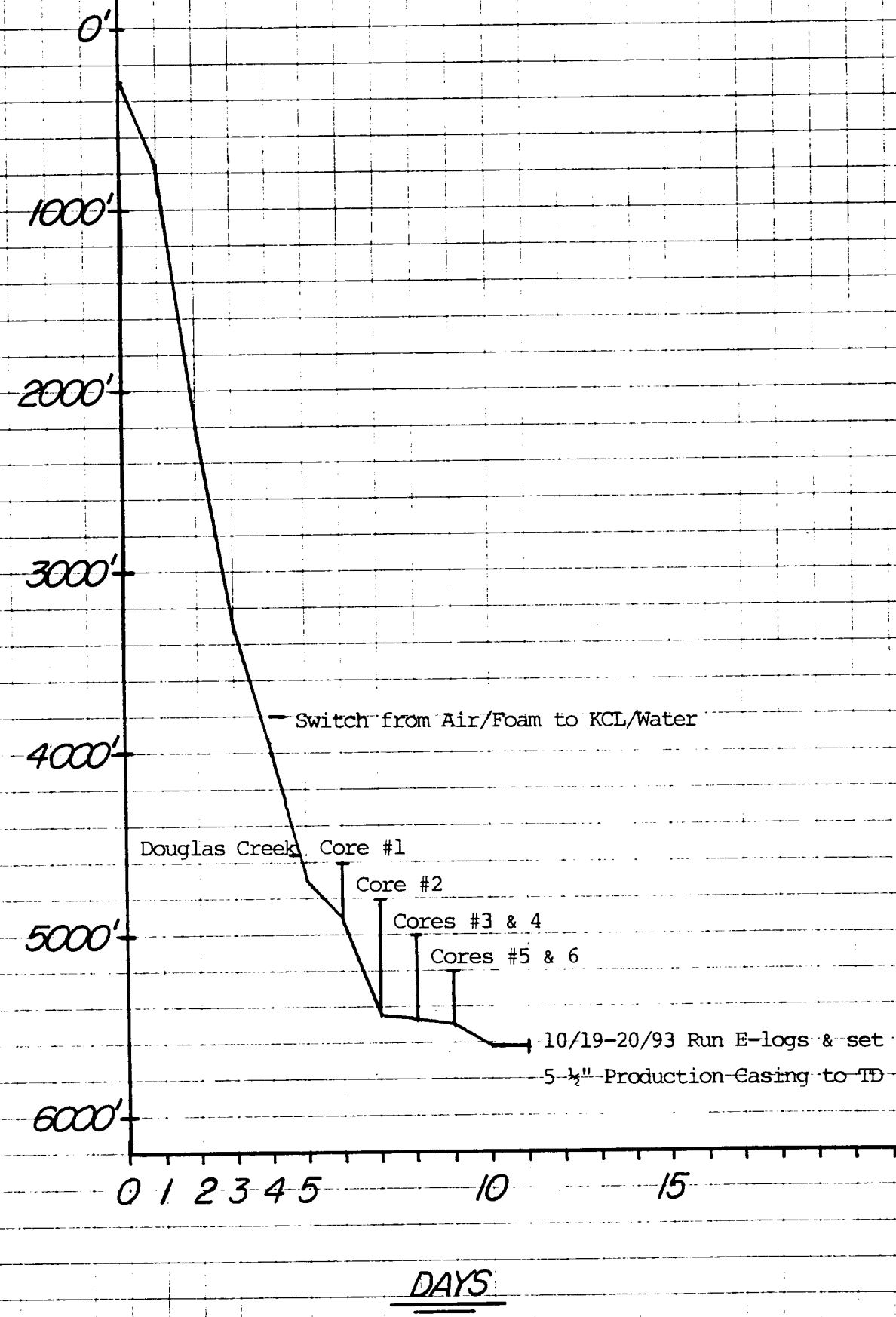
Roy L. Clement
Wellsite Geologist

DAILY ACTIVITY

<u>DAY</u>	<u>DATE</u>	<u>DEPTH</u>	<u>PROG</u>	<u>BIT</u>	<u>WOB</u>	<u>RPM</u>	<u>PP</u>	<u>WT*</u>	<u>VIS</u>	<u>WL</u>	<u>ACTIVITY</u>	<u>FORMATION</u>
0	10/9	286'	0'	1	All	60	150	Air/Foam			Spud @ 1900 hours MDT	
1	10/10	753'	467'	1	45	50	120	8.5	27	n/c	Drill ahead	Uinta
2	10/11	2193'	1440'	1	45	50	280	8.5	27	n/c	Drill ahead	Green R.
3	10/12	3300'	1107'	1	30	50	280	8.5	27	n/c	Drill ahead	Green R.
4	10/13	3963'	663'	2	50	60	800	8.5	27	n/c	Mud up	Green R.
5	10/14	4675'	712'	2	50	60	800	8.5	27	n/c	Drill ahead	Douglas C
6	10/15	4899'	224'	3	18	60	800	8.5	27	n/c	Core #1	G-1
7	10/16	5430'	531'	4	50	60	825	8.5	27	n/c	Core #2	B-1
8	10/17	5468'	38'	5	18	60	850	8.5	27	n/c	Cores #3 & 4	B-1
9	10/18	5505'	27'	6	16	60	800	8.5	27	n/c	Cores #5 & 6	B-2
10	10/19	5610'	105'	8	50	60	825	8.5	27	n/c	Run E-Logs	B-2

*Note: drilled with air and foam from under surface casing to 3800', switched to KCL and Fresh water from 3800' to TD.

TIME vs DEPTH



FORMATION TOPS AND STRUCTURAL RELATIONSHIPS

SUBJECT WELL: Monument Federal #32-15J; SW NE Sec 15, T9S, R16E KB: 5691'
OFFSET #1: Castle Peak Federal #31-15; NW NE Sec 15, T9S, R16E KB: 5754'

<u>AGE and FORMATION</u>	<u>PROG</u>	<u>SAMPLE</u>	<u>E-LOG</u>	<u>DATUM</u>	<u>THICK</u>	<u>DIP TO OFFSET #1</u>
TERTIARY						
Uinta	Surface					
Green River	1382'	----	1488'	4203'	2269'	+ 27'
2nd Garden Gulch	----	3760'	3757'	1934'	784'	+ 52'
Douglas Creek	4550'	4546'	4541'	1150'	858'	+ 54'
R-5	4728'	4724'	4717'	974'	20'	+ 56'
G-1	4883'	Absent	----	----	----	----
G-6	5194'	5184'	5180'	511'	4'	+ 64'
Carbonate Mkr.	5411'	5406'	5399'	292'	8'	+ 57'
B-1	5438'	----	5440'	251'	50'	+ 43'
B-2	----	----	5490'	201'	10'	+ 58'

REFERENCE WELL

DIAMOND SHAMROCK
CASTLE PEAK #31-15
 NW NE SEC 15, T9S, R16E
KB: 5754'

<u>AGE and FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>	<u>THICK</u>
TERTIARY			
Uinta	Surface		
Green River	1578'	4176'	2294'
2nd Garden Gulch	3872'	1882'	786'
Douglas Creek	4658'	1096'	861'
R-5	4836'	918'	18'
G-1	4991'	763'	7'
G-6	5307'	447'	13'
Carbonate Marker	5519'	235'	8'
B-1	5546'	208'	65'
B-2	5611'	143	19'

BIT RECORD

CONTRACTOR: UNION DRILLING, RIG #17

SPUD: 10/9/93 TOTAL DEPTH: 10/18/93 TOTAL ROTATING HOURS: 118.75

<u>BIT NO.</u>	<u>SIZE</u>	<u>TYPE/MAKE</u>	<u>JETS SIZE</u>	<u>SERIAL #</u>	<u>DEPTH OUT</u>	<u>FEET</u>	<u>HOURS</u>	<u>ACCUM HOURS</u>	<u>WOB</u>	<u>RPM</u>	<u>DEV</u>	<u>PP</u>	<u>T</u>	<u>B</u>	<u>G</u>
1	7 7/8	HTC ATJ-55A	open	B12WJ	3800'	3514'	49.50	49.50	45	50	-	300	1	1	I
2	7 7/8	STC F45H	13 13 13	KW1577	4870'	1070'	31.00	80.50	48	60	-	800	-	-	-
3	7 7/8	HTC MC-20	open	OW3614	4899'	29'	4.25	85.00	18	60	-	800	-	-	-
4	7 7/8	STC F45H	13 13 13	Rerun #2	5430'	531'	17.00	102.00	50	60	2.75 ⁰	825	-	-	-
5	7 7/8	HTC SC-777	open	0118557	5489'	59'	8.00	110.00	16	65	-	850	-	-	-
6	7 7/8	HTC MC-20	open	Rerun #3	5505'	16'	3.75	113.75	16	60	-	800	-	-	-
7	7 7/8	HTC SC-777	open	Rerun #5	5518'	13'	1.75	115.00	15	60	-	800	-	-	-
8	7 7/8	STC F45H	13 13 13	Rerun #2	5610'	92'	3.75	118.75	50	60	-	825	2	2	I

DEVIATION SURVEYS

<u>DEPTH</u>	<u>DEVIATION</u>
280'	$3/4^0$
783'	1^0
1285'	$1\ 1/2^0$
1865'	$1\ 1/2^0$
2394'	$1\ 3/4^0$
2890'	$3\ 1/2^0$
3389'	$1\ 1/2^0$
3913'	$1\ 3/4^0$
4400'	$2\ 3/4^0$
4910'	2^0
5430'	$2\ 3/4^0$

LITHOLOGY

Sample Program: 50' samples from 1300' to 3800' and 20' samples from 3800' to Total Depth. all samples were lagged and caught by a two man mud logging crew. Descriptions begin at 1500' in the Green River Formation. Sample quality was fair to good unless noted otherwise.

1500' - 1750'	<u>Shale:</u>	orange to orangebrown, light brown to graybrown, soft to firm, platy to blocky, calcareous to dolomitic
1750' - 2000'	<u>Shale:</u>	light orange to orangebrown, gray to graybrown, soft to firm, platy to blocky, calcareous to dolomitic, trace Pyrite, interbedded with Dolomite: brown to graybrown, microcrystalline, firm, dense to chalky, argillaceous to shaly, calcareous in part
2000' - 2085'	<u>Shale:</u>	light brown to graybrown, orange in part, soft to firm, platy to sub blocky, calcareous to dolomitic, trace Pyrite
2085' - 2130'	<u>Sandstone:</u>	light gray to white, salt and peppered, very fine to fine grained, sub angular to sub rounded, fair sorting, poorly consolidated to unconsolidated, Bituminous to Pyritic, <u>trace dull yellow fluorescence, slow to moderate bluewhite streaming cut</u>
2130' - 2250'	<u>Shale:</u>	light to medium orange, orangebrown, soft to firm, platy to sub blocky, trace Pyrite and white Calcite crystals, calcareous to dolomitic, interbedded with Dolomite: brown to orangebrown, microcrystalline, firm, dense to chalky, argillaceous to shaly
2250' - 2400'	<u>Shale:</u>	light to medium brown, graybrown, soft to firm, platy to blocky, abundant Pyrite, calcareous to dolomitic
2400' - 2565'	<u>Shale:</u>	as above, interbedded with

	Dolomite:	brown to cream, microcrystalline, firm, dense to slightly chalky, argillaceous to shaly
2565' - 2625'	<u>Sandstone:</u>	white to light gray, fine grained, sub rounded to sub angular, well sorted, unconsolidated, Pyritic, bituminous, <u>black asphalt, oil and tar on pits, dull yellowgreen fluorescence, immediate bright blue white streaming cut</u>
2625' - 2710'	<u>Shale:</u>	light gray to graybrown, soft, platy, dolomitic, silty
2710' - 2835'	<u>Shale;</u>	orange brown to brown, gray, soft to firm, platy to blocky, dolomitic, silty, interbeds of Dolomite; tan to cream, microcrystalline, firm, dense to chalky, argillaceous to shaly
2835' - 2920'	<u>Sandstone:</u>	white to light gray, fine to medium grained, sub angular to angular, poor to fair sorting, fair consolidation to unconsolidated, calcareous in part, <u>trace brown spotty asphaltic stain, dull yellow fluorescence, slow yellowwhite diffuse cut</u> , grading to Siltstone: light gray, firm to slightly hard, calcareous
2920' - 3010'	<u>Dolomite:</u>	cream to buff, light orange, microcrystalline, firm, argillaceous to silty, grading to Shale: light brown, orangebrown, soft, platy, dolomitic
3010' - 3085'	<u>Siltstone:</u>	light to medium gray, firm to slightly hard, calcareous, grading to Sandstone: white to light gray, fine to medium grained, sub angular, poor to fair sorting, poorly consolidated to unconsolidated, <u>trace brown spotty asphaltic stain, dull yellow fluorescence, slow yellowgreen streaming cut</u>
3085' - 3250'	<u>Limestone:</u>	cream to tan, white in part, microcrystalline, soft, chalky, fragmental to bioclastic, oolitic

in part, dolomitic to argillaceous,
no fluorescence, occasional slow
yellowwhite diffuse cut interbedded
with Shale: graybrown to
orangebrown, soft to firm, platy to
blocky, calcareous to dolomitic,
silty

- 3250' - 3350' Limestone: tan to cream, microcrystalline,
soft to firm, chalky to fragmental,
argillaceous, trace interfragmental
porosity, trace dull gold
fluorescence, slow bluewhite
streaming cut, interbedded with
Shale: brown to graybrown, soft,
platy to blocky, calcareous
- 3350' - 3400' Siltstone: light gray, firm, calcareous,
grading to Sandstone: white, light
gray, fine to medium grained, sub
angular, poorly sorted, poorly
consolidated to unconsolidated
- 3400' - 3485' Shale: light gray to graygreen, firm,
blocky to platy, calcareous to
silty, trace Pyrite
- 3485' - 3560' Sandstone: white to light gray, fine to medium
grained, sub angular to sub
rounded, poorly sorted,
predominantly unconsolidated,
grading to Siltstone: light gray,
firm, calcareous
- 3560' - 3600' Shale: light brown, light orangebrown to
cream, firm, platy to blocky,
calcareous to marly, silty to
Pyritic
- 3600' - 3760' Siltstone: light to medium gray, firm,
calcareous, Pyritic, grading to
very fine grained Sandstone in part

Sample Top: Second Garden Gulch @ 3760'

- 3760' - 3800' Limestone: cream to tan, white in part,
cryptocrystalline, soft to firm,
dense to chalky

Note: Trip @ 3800' to convert from Air/Foam to KCL/Water.
20' samples from 3800' to Total Depth.

- 3800' - 3830' Siltstone: light to medium gray, graywhite,
firm to slightly hard, calcareous,

grading to Shale, very poor sample
after trip

- 3830' - 3844' Sandstone: white, salt and peppered, fine to medium grained, sub angular, fair sorting, fair consolidation, calcareous cement, silty, dark brown asphaltic stained, trace dull yellow fluorescence, slow to moderate yellowwhite streaming cut
- 3844' - 3890' Shale: brown to gray, firm, platy to blocky, calcareous, silty
- 3890' - 3980' Shale: orangebrown, gray to graybrown, soft to firm, platy to blocky, calcareous, grading to Siltstone in part: light gray, firm calcareous, Pyritic, occasional interbeds of Limestone: tan to cream, microcrystalline, firm, chalky to dense, argillaceous
- 3980' - 4030' Shale: brown to orangebrown, gray, soft to firm, platy to sub blocky, calcareous, silty, trace Limestone
- 4030' - 4074' Siltstone: light gray, graybrown, firm to hard, calcareous, grading to Sandstone: white to light gray, very fine grained, sub angular, fair sorting, fair to good consolidation, calcareous cement, silty, Pyritic
- 4074' - 4100' Shale: brown to orangebrown, gray to graygreen, soft to firm, platy to blocky, calcareous to silty, trace Limestone
- 4100' - 4140' Sandstone: white to light brown, very fine to fine grained, sub angular, fair sorting, friable to poorly consolidated, trace Pyrite, trace brown asphaltic stain, dull yellow fluorescence, slow yellowwhite streaming cut, silty and grading to Siltstone: gray to graywhite, firm, calcareous, Pyritic
- 4140' - 4210' Shale: brown to orangebrown, gray, firm, platy to blocky, calcareous to silty
- 4210' - 4280' Siltstone: light to medium gray, firm,

		calcareous, grading to Shale: brown to orangebrown, graybrown, firm, platy to blocky
4280' - 4320'	<u>Limestone:</u>	cream to tan, microcrystalline, firm, dense to chalky, grading to Shale: as above
4320' - 4352'	<u>Siltstone:</u>	light gray to graywhite, firm, calcareous
4352' - 4386'	<u>Siltstone:</u>	gray to graywhite, firm, calcareous, grading to Shale: brown to graybrown, firm, platy, calcareous
4386' - 4400'	<u>Sandstone:</u>	white to gray, salt and peppered, fine to medium gray, sub angular to sub rounded, poor sorting, fair consolidation and calcareous cemented, tight, grading to Siltstone
4400' - 4464'	<u>Shale:</u>	light to medium brown, orangebrown, gray, firm, platy to sub blocky, calcareous to silty
4464' - 4500'	<u>Siltstone:</u>	light to medium gray, graywhite, firm to slightly hard, calcareous, Pyritic, grading to Sandstone: white, salt and peppered, very fine to medium grained, sub angular to sub rounded, poor sorting, fair consolidation, calcareous cement, Pyritic
4500' - 4546'	<u>Shale:</u>	light to medium gray, graybrown, soft to firm, platy to sub blocky, calcareous to silty, trace Limestone

Sample Top: Douglas Creek @ 4546'

4546' - 4564'	<u>Limestone:</u>	tan to cream, light brown, microcrystalline, soft to firm, earthy to chalky, argillaceous to shaly
4564' - 4600'	<u>Shale;</u>	light gray to graybrown, soft to firm, platy to blocky, calcareous to silty, trace Pyrite
4600' - 4662'	<u>Siltstone:</u>	light to medium gray, graywhite, firm to slightly hard, calcareous,

grading to very fine grained
Sandstone in part, interbeds of
Shale: as above

4662' - 4724' Shale:

brown to graybrown, soft to firm,
platy to sub blocky, calcareous,
grading to Siltstone: as above

Sample Top: R-5 Sand @ 4724'

4724' - 4744' Sandstone:

light brown to graybrown, very fine
to fine grained, sub angular, fair
sorting fair consolidation and
calcareous cemented, silty in part,
poor visual porosity, light brown
oil stain, moderate yellow green
fluorescence, yellowgreen streaming
to diffuse cut, poor samples -
shale shaker down during show

4744' - 4800' Shale:

brown to graybrown, gray, firm,
platy to blocky, calcareous,
grading to Siltstone: gray to
graywhite, firm to slightly hard,
calcareous, trace Limestone

4800' - 4870' Shale:

gray to graybrown, firm, platy to
blocky, calcareous, silty and
grading to Siltstone, trace
Limestone: cream to tan,
microcrystalline, firm, chalky to
earthy, argillaceous to shaly

Note: Core #1: 4870' to 4899'. See Core report for complete
description.

4899' - 4950' Shale:

light to medium gray, graygreen,
soft to firm, platy, slightly
calcareous, silty in part

4950' - 5010' Siltstone:

light gray to graybrown, firm,
calcareous, grading to Shale: light
to medium gray, firm, platy to
blocky, calcareous to silty

5010' - 5036' Siltstone:

light gray to graywhite, firm to
slightly hard, calcareous, grading
to very fine grained Sandstone in
part

5036' - 5080' Shale:

light to medium gray, graybrown,
soft to firm, platy, calcareous,
trace Pyrite

5080' - 5126' Siltstone: light to medium gray, firm, calcareous, pyritic, grading to Shale: as above

5126' - 5184' Siltstone: light gray to graywhite, firm, calcareous, grading to Shale: gray to graybrown, soft to firm, calcareous, pyritic

Sample Top G-6 @ 5184'

5184' - 5204' Shale: dark brown to dark graybrown, soft, platy to sub blocky, carbonaceous to petroliferous, abundant Pyrite, trace Sandstone: light brown, very fine grained, sub angular, fair sorting, fair consolidation, silty, brown oil stain, moderate yellowgreen fluorescence, moderate yellowgreen streaming cut

5204' - 5228' Shale: black to dark graybrown, soft to firm, platy, carbonaceous to petroliferous

5288' - 5248' Siltstone: light gray to graywhite, firm, calcareous

5248' - 5288' Shale: dark brown to dark graybrown, soft to firm, platy, carbonaceous, slightly calcareous, Pyritic

5288' - 5302' Siltstone: light to medium gray, firm, calcareous, grading to light gray Shale

5302' - 5328' Shale: dark brown to dark gray, soft, platy, carbonaceous, Pyritic

5328' - 5370' Siltstone: light gray, soft to firm, calcareous, grading to Shale: light gray, soft, platy, calcareous

5370' - 5386' Shale: medium to dark brown, soft, platy, carbonaceous, slightly calcareous in part, trace Pyrite

5386' - 5406' Shale: light to medium gray, brown, soft, platy to blocky, calcareous to marly, silty in part

Sample Top: Carbonate Marker @ 5406'

5406' - 5414' Limestone: cream to tan, white in part,

microcrystalline, soft, chalky to
earthy, argillaceous

5414' - 5430' Shale: light gray, soft to firm, platy to
blocky, calcareous, grading to
Siltstone

Note: Cores #2-6 5430' to 5518'. See Core reports for
complete descriptions.

5518' - 5558' Shale: gray to graybrown, firm, blocky,
calcareous, silty and grading to
Siltstone: light to medium gray,
firm to hard, calcareous

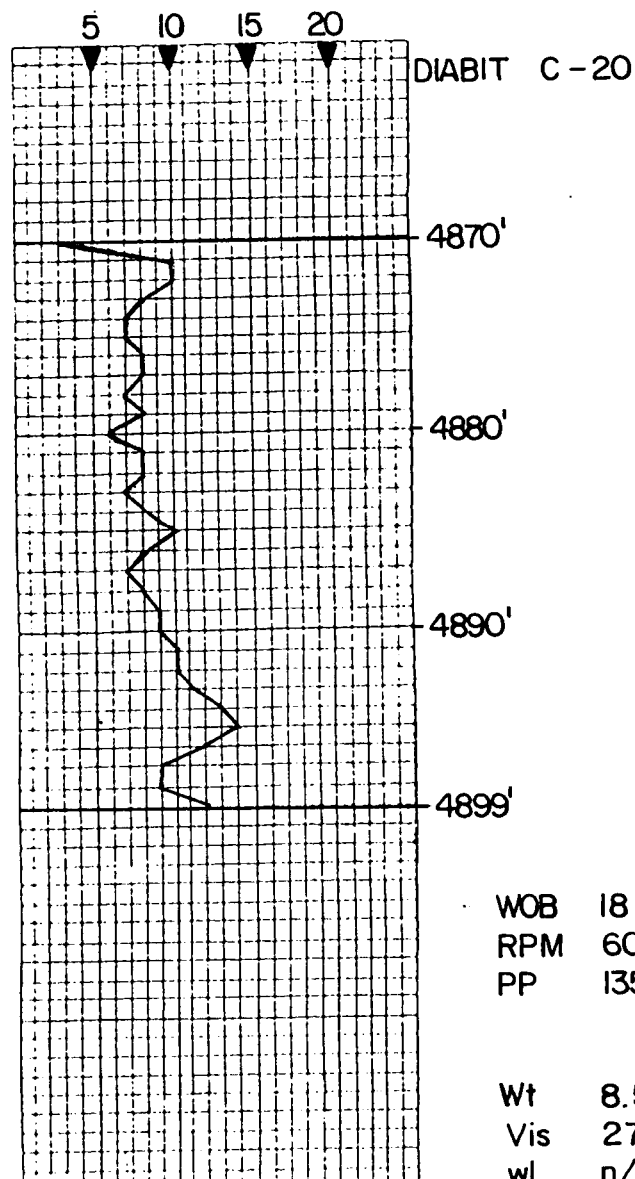
5558' - 5588' Shale: light to medium gray, firm, platy
to blocky, calcareous, silty

5588' - 5610' Siltstone: light gray to graywhite, firm,
calcareous, grading to Sandstone:
light brown, very fine to fine
grained, sub angular, poor sorting,
well consolidated, calcareous, no
visual porosity, brown oil stain,
dull yellowgreen fluorescence, slow
yellowgreen streaming to diffuse
cut

Note: Driller's Total Depth @ 5610'

FORMATION: Douglas Creek G-1 INTERVAL: 4870' - 4899' CUT: 29' RECOVERED: 29'
CORE COMPANY: BHI DATE: 14 Oct 93 CORE SIZE: 4" HOLE SIZE: 7 7/8"
WELL SITE ANALYSIS BY: Roy Clement
LAB ANALYSIS BY: Omni of Houston TX

CORE NO. 1

DESCRIPTION

4870' - 4879'
Shale: dark gray to graygreen, firm, platy, silty in part, slightly calcareous, occasional healed vertical fractures with black asphalt residue along fractures, no fluorescence, immediate bluewhite streaming cut from asphalt residue

4879' - 4882'
Siltstone: medium gray, firm, calcareous, grading to Shale in part

4882' - 4885'
Shale: medium to dark gray, firm, platy, slightly calcareous, silty in part

4885' - 4887'
Siltstone: medium to dark gray, firm, calcareous, grading to Shale in part

4887' - 4899'
Shale: medium to dark gray, firm, slightly calcareous, silty in part, open vertical fracture from 4894' to 4896', possibly induced by coring

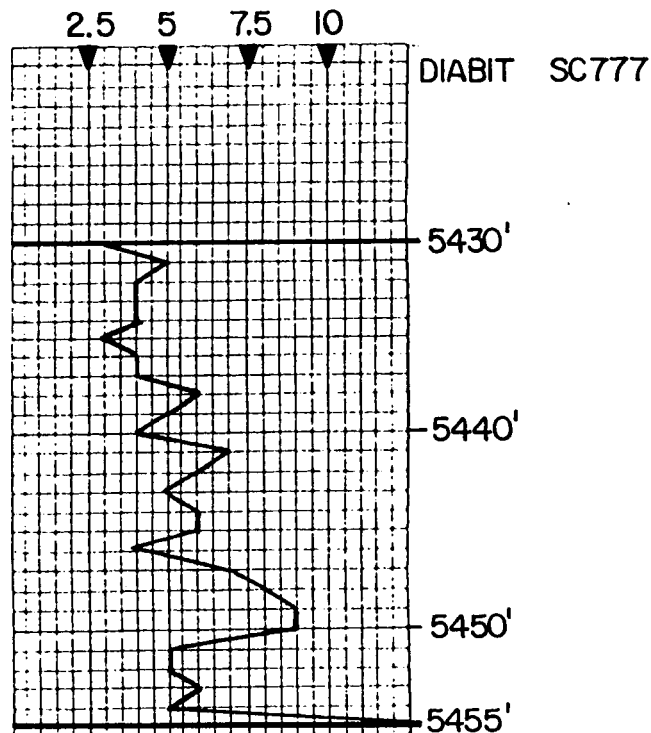
CORE REPORT

CORE NO. 2

FORMATION: B-1 Sand INTERVAL: 5430' - 5455' CUT: 25' RECOVERED: 21'
 CORE COMPANY: BHI DATE: 16 Oct 93 CORE SIZE: 4" HOLE SIZE: 7 7/8"
 WELL SITE ANALYSIS BY: Roy Clement
 LAB ANALYSIS BY: Omni of Houston, TX

CORE NO. 2

DESCRIPTION



WOB 16
RPM 65
PP 850

Wt 8.5
Vis 27
WI n/c

5430'-5433'	Siltstone: medium gray, hard, calcareous, abundant finely disseminated Pyrite, grading to very fine grained Sandstone
5433'-5436'	Sandstone: brown to medium graybrown, very fine to fine grained, angular to sub angular, fair sorting, well consolidated, calcareous cement, poor visual porosity, <u>slightly bleeding dark brown oil and brown oil stain, moderate yellowgreen fluorescence, immediate bright yellowgreen streaming cut</u>
5436'-5440'	Siltstone: medium gray, hard, calcareous, abundant finely disseminated Pyrite, grading to very fine grained Sandstone
5440'-5445.5'	Shale: dark gray, firm, calcareous, abundant finely disseminated Pyrite, grading to Siltstone: as above
5445.5'-5449'	Sandstone: white to light graywhite, salt and peppered, very fine to fine grained, angular to sub angular, poor sorting, very well consolidated, calcareous cement, Micaceous to Pyritic, no visual porosity, no show
5449'-5451'	Sandstone: white to light graybrown, salt and peppered, very fine to fine grained, occasional medium grains, angular to sub angular, poor to fair sorting, well consolidated, calcareous cement, poor intergranular porosity, Micaceous to Pyritic, <u>dark brown bleeding oil and spotty brown oil stain, moderate to bright yellowgreen fluorescence, immediate bright bluewhite streaming cut, rubble zone - possible fractures</u>
5451'-5455'	Not Recovered- loose core catcher jammed barrel

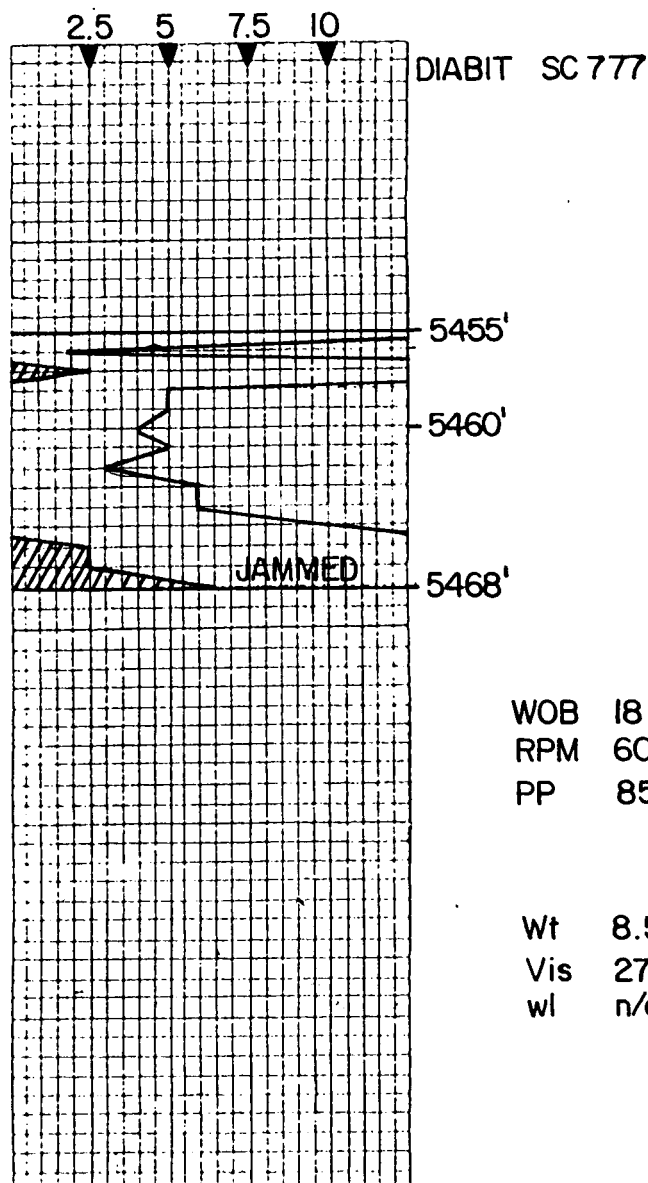
CORE REPORT

CORE NO. 3

ATTN: STEVE VANDELIN

FORMATION: B-1 Sand INTERVAL: 5455' - 5468' CUT: 13' RECOVERED: 13'
CORE COMPANY: BHI DATE: 17 Oct 93 CORE SIZE: 4" HOLE SIZE: 7 7/8"
WELL SITE ANALYSIS BY: Roy Clement
LAB ANALYSIS BY: Omni of Houston, TX

CORE NO. 3

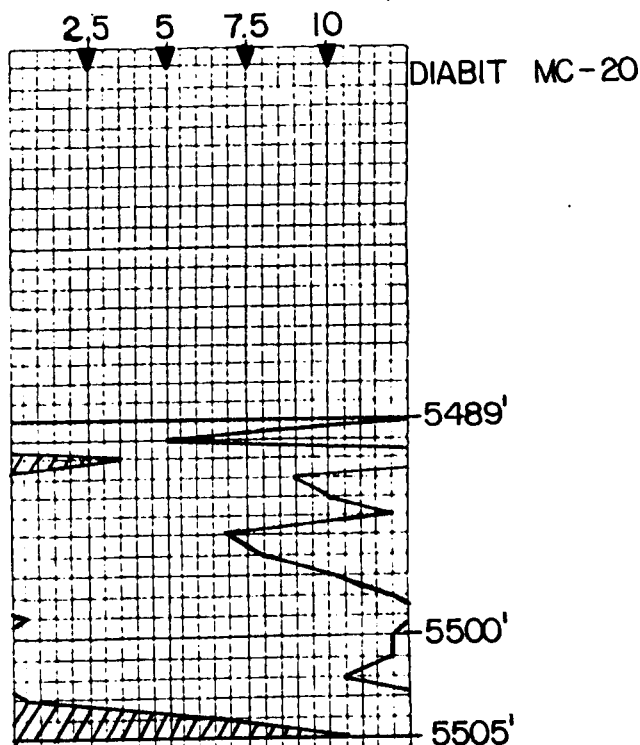


DESCRIPTION

- 5455'-5457' Sandstone: lt brown, very fine to medium grained, sub angular to sub rounded, poorly sorted, well consolidated, calcareous cement, poor visual porosity, open vertical fractures, dark brown bleeding oil and uniform oil staining through out, bright yellowgreen fluorescence, immediate bright bluewhite streaming cut
- 5457'-5459' Sandstone: as above with tight vertical fractures and thin ($\frac{1}{2}$ " to 1") Shale laminae: light gray, firm, slightly calcareous, silty
- 5459'-5464' Sandstone: light brown to clear, very fine to fine grained, sub angular to angular, fair sorting, well consolidated, calcareous cement, poor visual porosity, open vertical fractures, dark brown bleeding oil and uniform oil staining through out, bright yellowgreen fluorescence, immediate bright bluewhite streaming cut
- 5464'-5468' Siltstone: light gray, firm, slightly calcareous, grading to Shale: light to medium gray, firm,, silty, rubble zone: possible fractures, core barrel jammed

FORMATION: B-2 Sand INTERVAL: 5489' - 5505' CUT: 16' RECOVERED: 15'
CORE COMPANY: BHI DATE: 18 Oct 93 CORE SIZE: 4" HOLE SIZE: 7 7/8"
WELL SITE ANALYSIS BY: Roy Clement
LAB ANALYSIS BY: Omni of Houston, TX

CORE NO. 5



WOB 16
RPM 60
PP 800

Wt 8.5
Vis 27
wl n/c

DESCRIPTION

5489'-5490'	Shale: gray to gray brown, firm to hard, calcareous to silty
5490'-5496'	Sandstone: light gray to light graybrown, salt and peppered, very fine to fine grained, sub angular to sub rounded, fair sorting, well consolidated, calcareous cement, silty, no visual porosity, open vertical fracture, <u>light orange oil along fracture and spotty stain, bright yellowgreen fluorescence, immediate bright bluewhite streaming cut</u>
5496'-5499'	Sandstone: light brown-clear, salt and peppered, very fine to fine grained, sub angular to sub rounded, poor sorting, well consolidated, poor visual porosity, inclined bedding, <u>spotty light orange oil stain, fluorescence and cut as above</u>
5499'-5501.25'	Sandstone: light gray, clear, salt and peppered, very fine to fine grained, sub angular, fair sorting, well consolidated, silty, very poor visual porosity, open vertical fracture with <u>light orange oil along fracture and spotty staining, bright yellowgreen fluorescence, immediate bright bluewhite cut</u>
5501.25'-5504'	Shale: dark gray to dark graubrown, firm, calcareous, waxy
5504'-5505'	Not recovered, core barrel jammed

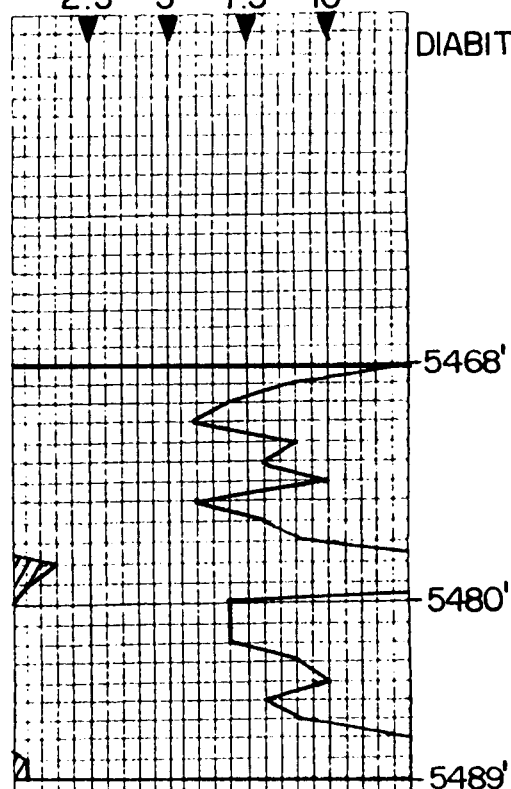
CORE REPORT

CORE NO. 4

FORMATION: B-1 INTERVAL: 5468' - 5489' CUT: 21' RECOVERED: 14'
CORE COMPANY: BHI DATE: 17 Oct 93 CORE SIZE: 4" HOLE SIZE: 7 7/8"
WELL SITE ANALYSIS BY: Roy Clement
LAB ANALYSIS BY: Omni of Houston TX

CORE NO. 4

2.5 5 7.5 10
DIABIT SC 777



WOB 16
RPM 60
PP 850

Wt 8.5
Vis 27
wl n/c

DESCRIPTION

- 5468'-5469' Shale: dark gray, firm to hard, slightly calcareous, trace finely disseminated Pyrite, silty
- 5469'-5472' Siltstone: medium gray, hard, calcareous, abundant finely disseminated Pyrite
- 5472'-5473' Shale: medium to dark gray, firm to hard, calcareous
- 5473'-5475' Shale: dark brown to black, firm, platy to fissile, calcareous, carbonaceous, trace finely disseminated Pyrite, silty
- 5475'-5478' Siltstone: medium gray, hard, calcareous, grading to very fine grained Sandstone, abundant finely disseminated Pyrite
- 5478'-5482' Shale: dark gray to dark graybrown, firm to hard, calcareous, abundant finely disseminated Pyrite, occasional calcite healed hairline fractures, grading to Siltstone: medium gray, hard, calcareous
- 5482'-5489' Not recovered, core barrel jammed

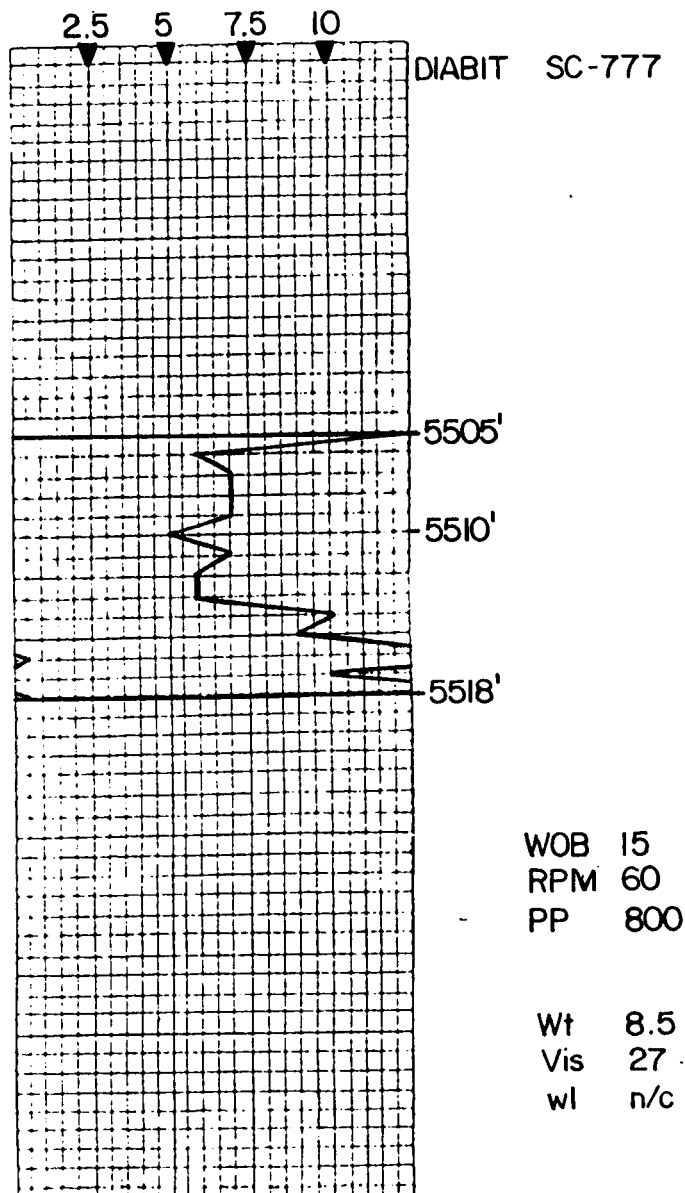
CORE REPO

CORE NO. 6

FORMATION: B-2 INTERVAL: 5505' - 5518' CUT: 13' RECOVERED: 11'
CORE COMPANY: BHI DATE: 18 Oct 93 CORE SIZE: 4" HOLE SIZE: 7 7/8"
WELL SITE ANALYSIS BY: Roy Clement
LAB ANALYSIS BY: Omni of Houston, TX

CORE NO. 6

DESCRIPTION



5505'-5508' Siltstone: medium gray, hard, calcareous, grading to very fine grained Sandstone in part, thin Shale Laminae through out: dark gray to dark graybrown, firm, slightly calcareous, trace finely disseminated Pyrite

5508'-5511' Shale: dark graybrown, firm to brittle, calcareous to marly, silty in part, trace finely disseminated Pyrite

5511'-5512' Siltstone: medium to dark graybrown, firm, calcareous

5512'-5514.5' Shale: dark brown, firm, calcareous to marly, grading to Limestone: dark brown to graybrown, firm, bioclastic "fossil hash" with abundant Ostracod, Gastropod, pellets and fossil fragments, thin calcite healed hairline fractures with slightly bleeding yellow orange oil, bright yellowgreen fluorescence, immediate bright bluewhite streaming cut

5514.5'-5516' Shale: as above

5516'-5518' Not recovered, core barrel jammed

LOGGING REPORT

Logging Company: Schlumberger Engineer: Ron Allmaras Date: 10/19/93

Witnessed by: Roy Clement and Al Plunkett

Driller's TD Depth: 5610' Logger's TD Depth: 5610'

Driller's Casing Depth: 276' Logger's Casing Depth: 275'

Elevation: GL: 5681' Sub: 10' KB: 5691'

Mud Conditions: Wt: 8.5 Vis: 27 WL: n/c
BHT: 130⁰ F

Hole Conditions: Good

Logging Time: Time Arrived: 0045 hrs First Tool in Hole: 0230 hrs
Last Tool Out: 1900 hrs Time of Departure: 2100 hrs

Electric Logging Program:

- 1.) Compensated Neutron-Litho Density Log with Gamma Ray and Caliper from 5577' to 2200'.
- 2.) FMI-GR from TD-5150'; 5000'-4700'; 4160'-4070'; 2690'-2540'.
- 3.) RFT-GR at selected intervals.
- 4.) Dual Laterlog Micro-SFL-GR from 5606' to 275'

Log Tops: Green River Formation @ 1488'; Second Garden Gulch @ 3757'; Douglas Creek @ 4541'; R-5 @ 4717'; G-1 absent; G-6 @ 5180'; Carbonate Marker @ 5399'; B-1 @ 5440'; B-2 @ 5490'; Total Depth @ 5610'.

Zones of Interest: 2600' to 2660': 33' with 14-17% porosity
3828' to 3839': 8' with 15-18% porosity
4098' to 4105': 7' with 15-17% porosity
R-5 @ 4726' to 4736': 10' with 16% porosity
B-1 @ 5454' to 5456': 2' with 15% porosity
B-2 @ 5496' to 5498': 2' with 11% porosity;

Note: The following pages contain log excerpts over zones of interest.

COMPANY: BALCRON OIL COMPANY

WELL: BALCRON MONUMENT FED. #32-15J

FIELD: MONUMENT BUTTE (TIGHT HOLE)

COUNTY: DUCHESNE STATE: UTAH

COUNTY: DUCHESNE

Field: MONUMENT BUTTE

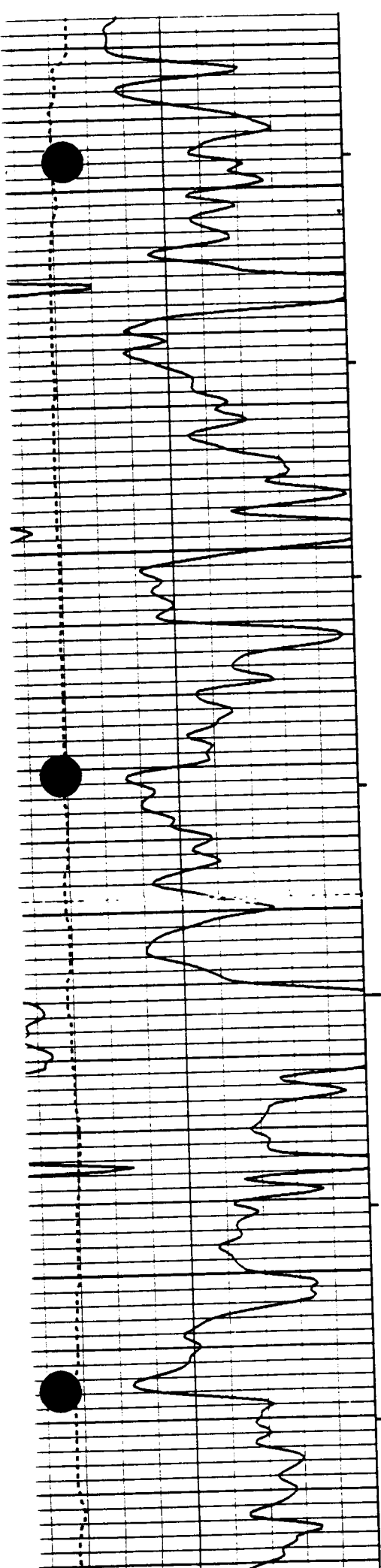
Location: 1868' FNL & 1993' FEL

Well: MONUMENT FED. #32-15J

Company: BALCRON OIL COMPANY

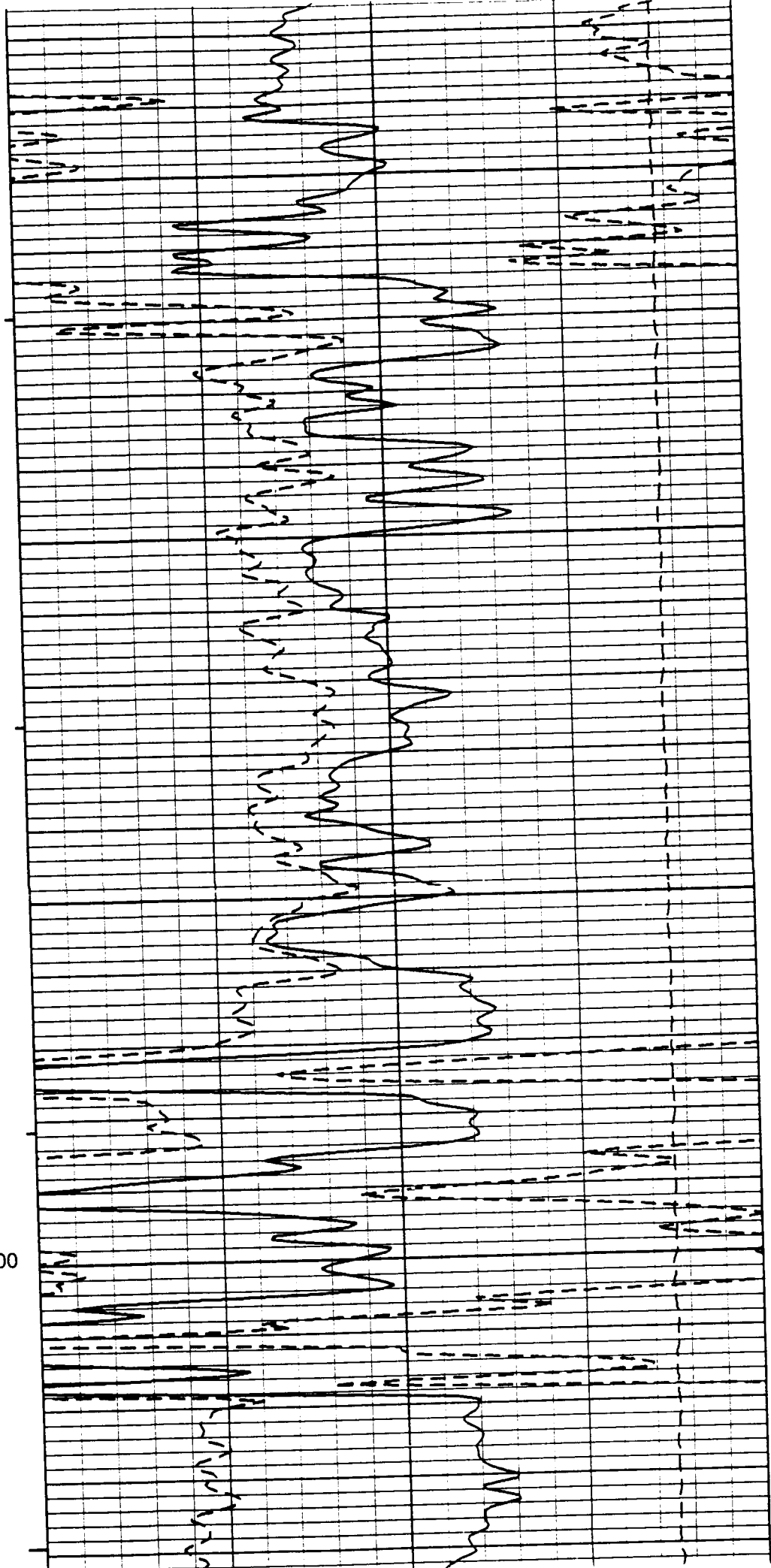
LOCATION	FINAL PRINT		LITHO-DENSITY	
	Schlumberger		COMPENSATED NEUTRON	
			GAMMA RAY	
	1868' FNL & 1993' FEL		Elev.: K.B. 5691 F G.L. 5681 F D.F. 5690 F	
	Permanent Datum: <u>GROUND LEVEL</u>		Elev.: <u>5681 F</u>	
	Log Measured From: <u>KELLY BUSHING</u>		10.0 F above Perm. Datum	
	Drilling Measured From: <u>KELLY BUSHING</u>			
	API Serial No.	SECTION 15	TOWNSHIP 9S	RANGE 16E

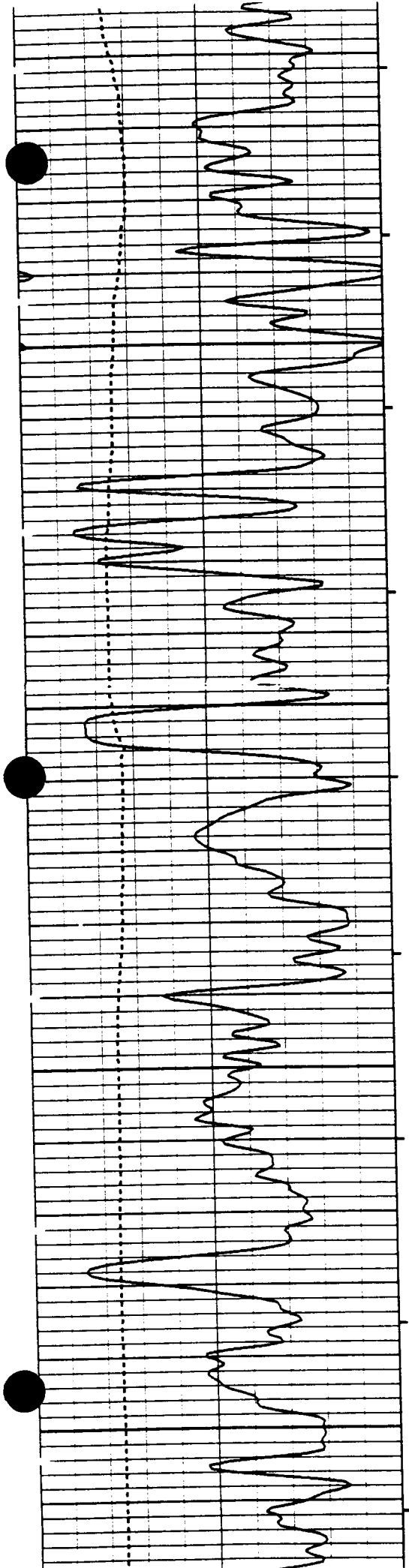
Logging Date	10-19-93		
Run Number	1		
Depth Driller	5611 F		
Schlumberger Depth	5610 F		
Bottom Log Interval	5577 F		
Top Log Interval	275 F		
Casing Driller Size @ Depth	8.625 IN	@	275 F @
Casing Schlumberger	275 F		
Bit Size	7.875 IN		
Type Fluid In Hole	KCL WATER		
Density	Viscosity	9.5 LB/G	27 S
Fluid Loss	PH	10.5	
Source Of Sample	MUD TANK		
RM @ Measured Temperature	0.761 OHMM	@	58 DEGF @
RMF @ Measured Temperature	0.761 OHMM	@	58 DEGF @
RMC @ Measured Temperature		@	58 DEGF @
Source RMF	RMC	N/A	N/A
RM @ BHT	RMF @ BHT	0.360 @ 130	0.360 @ 130 @ @
Maximum Recorded BHT	130 DEGF		
Circulation Stopped	Time	10-18-93	22:00
Logger On Bottom	Time	10-19-93	3:00
Unit Number	Location	8415 CASPER	
Recorded By	M. JARDON		
Witnessed By	ROY CLEMENT, AL PLUNKETT		



2600

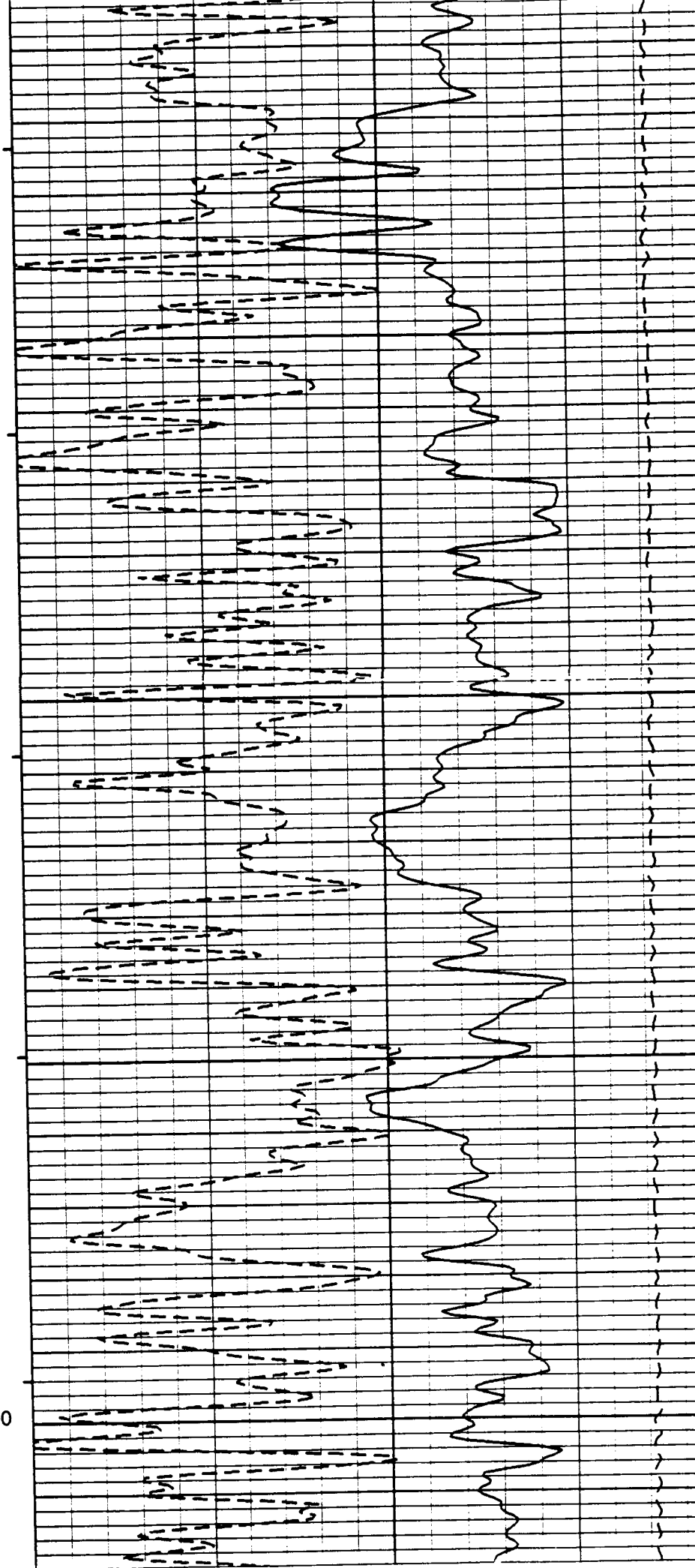
2700





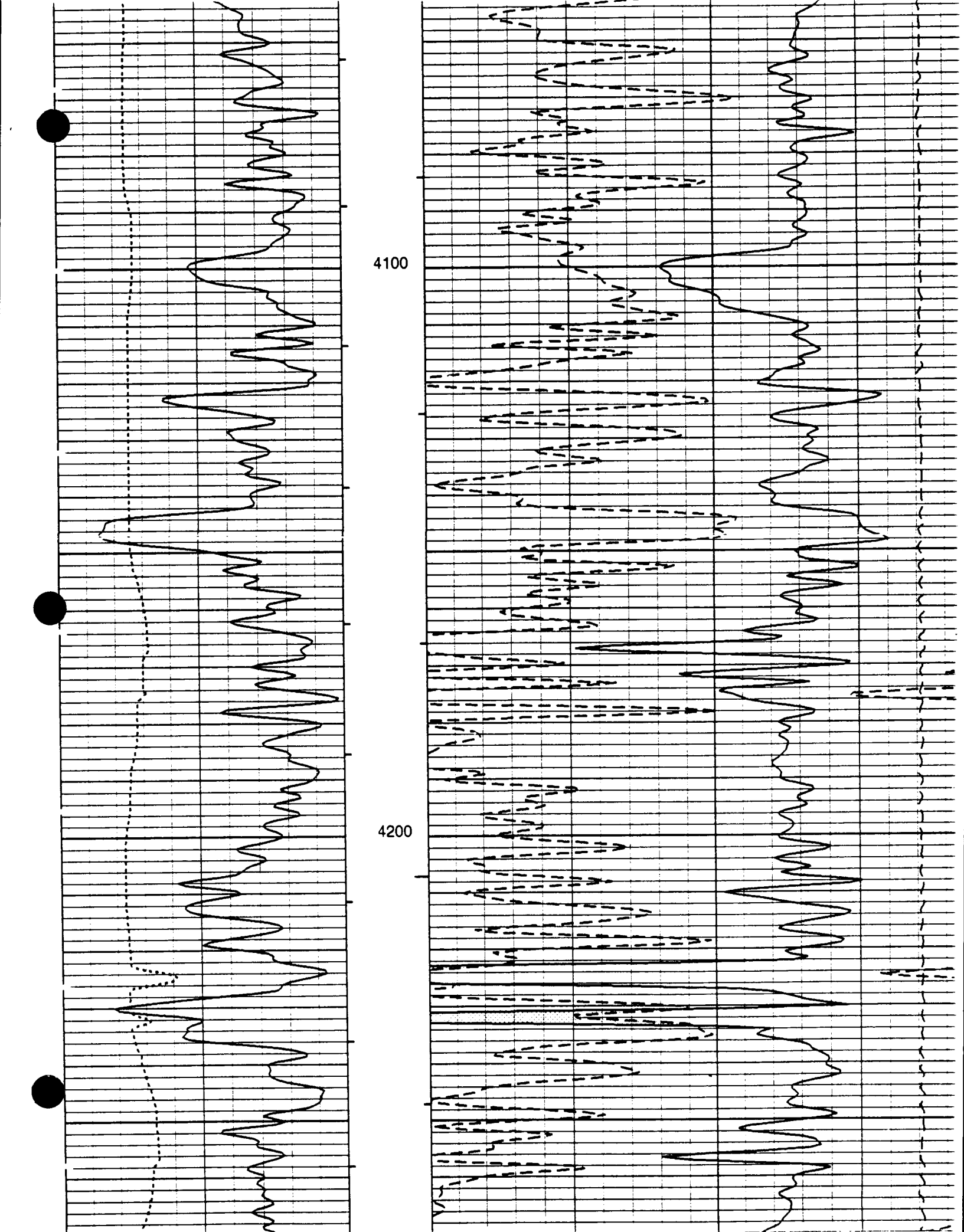
3900

4000



4100

4200



4700

R-5

4800

CORE

#

1

CARBONATE
MARKER
5400

B-1

B-2

5500#

STIA
STIT

GH

CALI

FR GR

FR NPHI

FR DPHI

Core

#

2

#

3

#

4

#

5

#

6

NPHI

DPHI

TENS

CLEMENT CONSULTING
7703 CLARK AVENUE
BILLINGS, MONTANA 59106
(406) 656-9514

RECEIVED

OCT 28 1993

DIVISION OF
OIL, GAS & MINING

COMPANY: BALCRON OIL COMPANY
WELL: BALCRON MONUMENT - FEDERAL NO. 32-15 J
LOCATION: SW NE (1868' FNL & 1993' FEL) SEC. 15 - T9S - R16E
DUCHESE COUNTY, UTAH
DEPTH LOGGED: 1500' - 5610' DATE: 10 OCT 93 - 19 OCT 93
KB: 5691' GL: 5681'
GEOLOGIST: ROY L. CLEMENT
CONTRACTOR: UNION DRILLING RIG 17
DRILLING FLUID: AIR/FOAM 286' - 3800'
KCI / WATER 3800' - TD

8 5/8" Surface Casing
set at 276'

Drig 7 7/8" Borehole
w/ Bit No. 1 ATJ - 55A
in at 286

50' samples lagged & caught by mud loggers from 1300' - 3800'

Sh orng - orngbrn lf brn
gybrn sft - frm plty - blk
calc - dot

Dol brn - gybrn mlcxt
frm dms - chky arg - shly
cate ip

Sh It orng - orngbrn gy -
gybrn sft - frm pity - bky
calc - dol tr Pyr

LOG TOPS

Sample Tops

AP - GR

DRILL RATE (min/ft)

$$2'' = 100'$$

1500

1600

1700

1800

1900

 $11\frac{1}{2}^{\circ}$

SAMPLED IN 02V

NO. 101 3355

NO. 101 3355

NO. 101 3355

NO. 101 3355

NO. 101 3355

NO. 101 3355



WOB 45
RPM 50
PP 280

10/11/93

1 3/4°

2000
P
2100
P
2200
P
2300
P
2400
P
2500
P

Sh lt brn - gybrn orng ip
sft - frm pty - sub blk
calc - dol tr Pyr

Ss lt gy - wh s & p
vf - f gr sub ang - sub rnd
fr srt p consol - unconsol
Bit - Pyr tr dull vel flr,
sto - mod bluwh stmg cut

Sh lt - m orng orngbrn
sft - frm pty - sub blk
tr Pyr & wh calc xl

Dol brn - orngbrn micxl
frm dns - chky arg - shly

Sh lt - m brn gybrn sft -
frm pty - blk abnt Pyr
calc - dol

Dol brn - crm micxl frm
dns - sl chky arg - shly

Ss wh - lt gy f gr sub
rnd - sub ang w srt unconsol

Geol out

2600

P

Pyr abnt Blt & blk asph
oil & tar on pits dull yelgn
soot flr imm br bluw
stmg cut

Sh lt gy - gybrn sft
pty dol sity

2700

Dol tn - crm mixt frm
dnt - chky arg - sity

2800

Sh orngbrn - brn gy
sft - frm pty - blk dol
sity

2900

Ss wh - lt gy f-m gr
sub ang - ang p - fr srt
f consol - unconsol calc ip
fr brn sply asph stn
dull yet flr slo yelwh dif
cut grdg to Sltst lt gy
frm - sl hd calc

3 1/2°

Sh lt brn - orngbrn sft
pty dol

Dol crm - buf lt orng
mixt frm arg - sity

3000

Sltst lt - m gy frm - sl hd
calc grdg to Ss wh - lt gy
f-m gr sub ang p - fr srt
p consol - unconsol fr brn
sply asph stn dull yet flr
slo yelgn stmg - dif cut

3100

Ls crm - tn wh ip
mixt sft chky frag - bioc
dol ip dol - arg no flr
occ slo yelwh stmg - dif
cut

3200

Sh gybrn - orngbrn sft -
frm pty - blk calc - dol
sity

NO ICI 3355

BUREAU OF NEW AUBK

BUREAU OF CORPORAION

RECORDING CHART

AUG 1934

NO ICI 3355

AUBK

PP 280

10/12/93

3300

Ls in - crm mixt sft -
frm chky - frag arg tr infrag
ø tr dull gold slo bluwh
stmg cut

Sh brn - gybrn sft pty -
blky calc

Sltst lt gy frm calc grd to
Ss wh lt gy f-m gr
sub ang p srt p consol -
unconsol

1 1/2°

3400

Sh lt gy gygh - gn frm
Pyr bky - pty calc sity

3500

Ss wh - lt gy f-m gr
sub ang - sub md p srt
pred unconsol

Sltst lt gy frm calc

3600

Sh lt - m brn lt orngbrn
crm frm pty - bky calc -
mrly sity Pyr

Sltst lt - m gy frm calc Pyr
grdg to vf gr Ss ip

3700

SECOND GARDEN GULCH
3757' (1934')

2nd Garden Gulch
3760'

API - GR

200

2" = 100'
5" = 100'

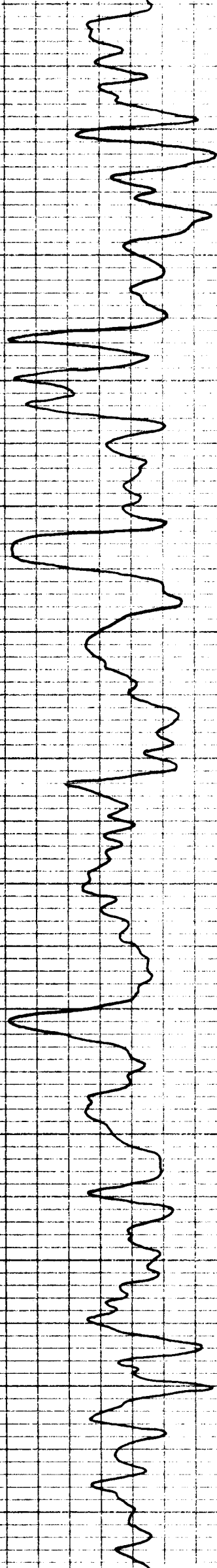
3800

Ls crm - in wh ip crpxt
sft - frm dns - chky

Note: 20' Samples from
3800' to TD

Sltst lt - m gy gywh frm -

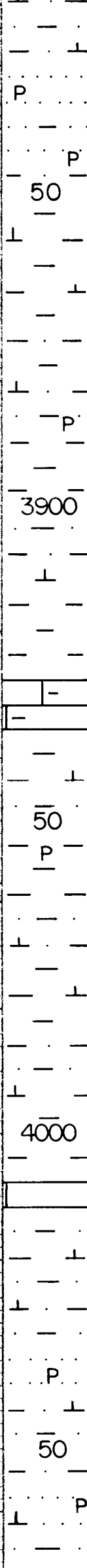
Bit 2 F45H
switch from
Air/Foam to
KCL/Water



- 1 3/4°

WOB
RPM
PP

10/13/93



st hd calc grdg to Sh
abnt cvgs after trip

Ss wh s&p f-m gr
sub ang fr srt fr consol
calc cmt slty - pyr dk brn
asph stn fr dull yel flor
slo-mod yelwh strng cut

Sh brn-gy frm pty -
blky calc slty

Sltst lt gy frm calc Pyr

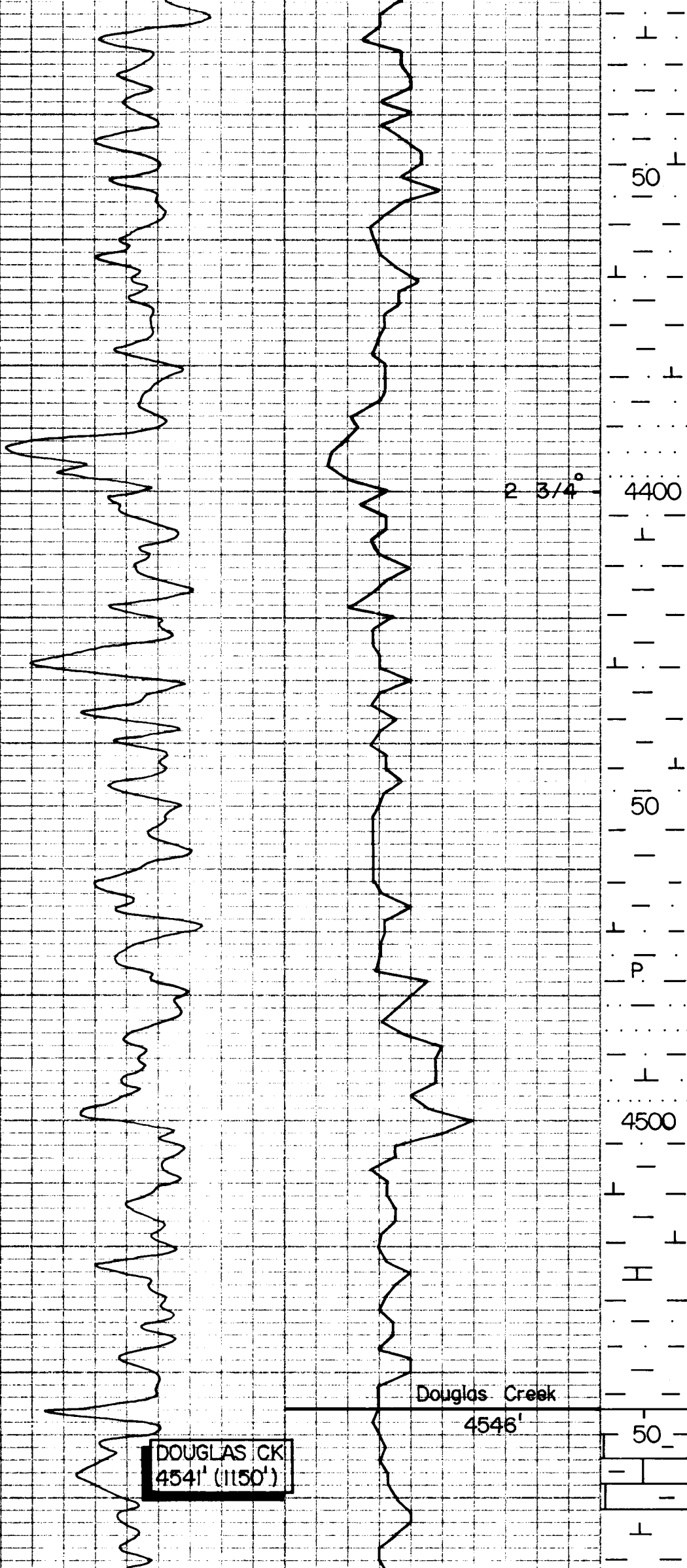
Ls in - crm mixd frm
chky-dns arg

Sh orngbrn gy-gybrn
sft - frm pty - blky calc
grdg to Sltst

Sh brn - orngbrn gy
sft - frm pty - sub blky
calc slty fr Ls

Ss wh - lt gy vf gr
sub ang fr srt fr-g consol
calc cmt slty Pyr

Sltst lt gy gybrn frm-hd
calc



Sltst lt gy - gywh frm calc

Sh brn - gybrn frm pty calc

Ss wh - gy s & p f - m gr
sub ang - sub rnd p srt
fr consol calc cmt grdg to
Sltst

Sh lt - m brn orngbrn gy
frm pty - sub blkyl calc
sfty

Sltst lt - m gy gywh frm -
sl hd calc Pyr

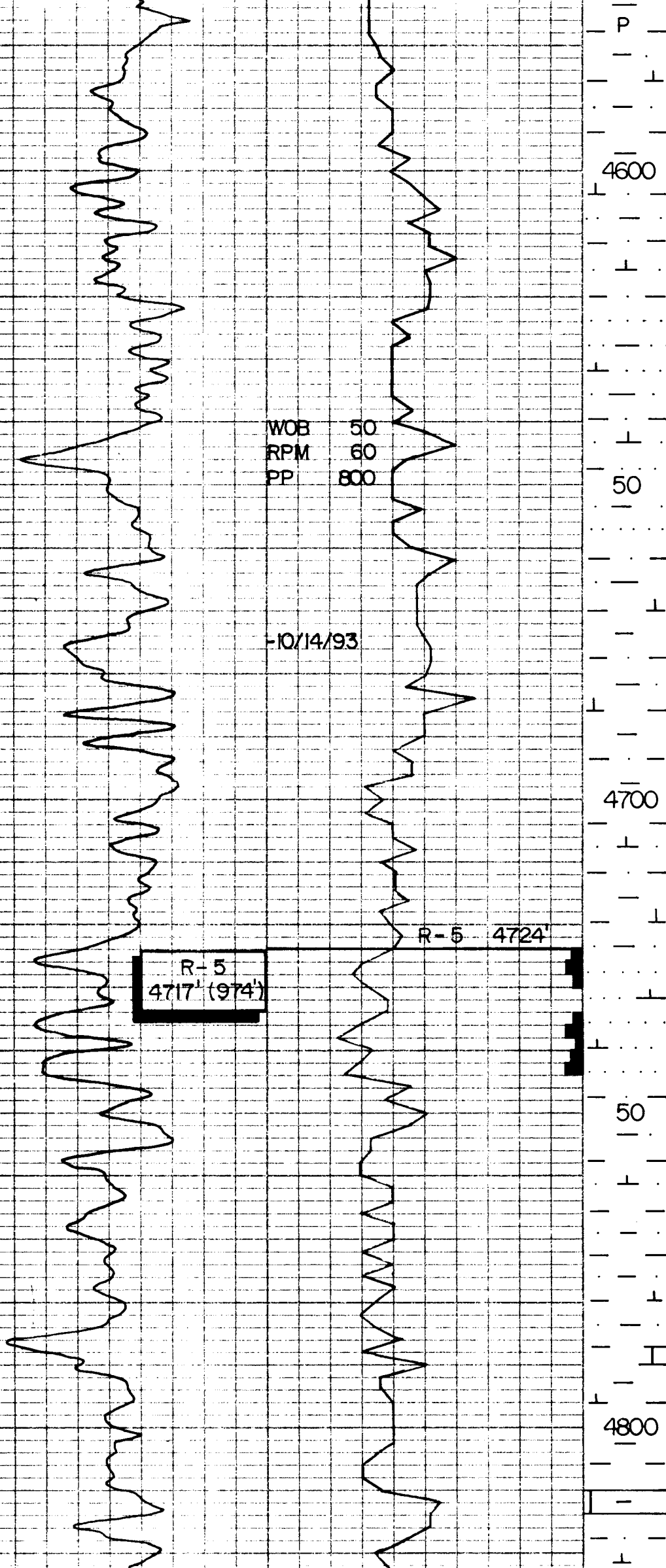
Ss wh s & p vf - f gr
sub ang - sub rnd p srt
fr consol calc cmt Pyr

Sh lt - m gy gybrn sft -
frm pty - sub blkyl calc -
sfty fr Ls

Douglas Creek
4546'

DOUGLAS CK
4541' (1150')

Ls tn - crm lt brn mixt
sft - frm rthy - chky arg -
shly



Sh If gy - gybrn sfi - frm
plty - blkz calc slty tr Pyr

Sist It-m gy gywh frm -
st hd cald grdg to vf gr Ss

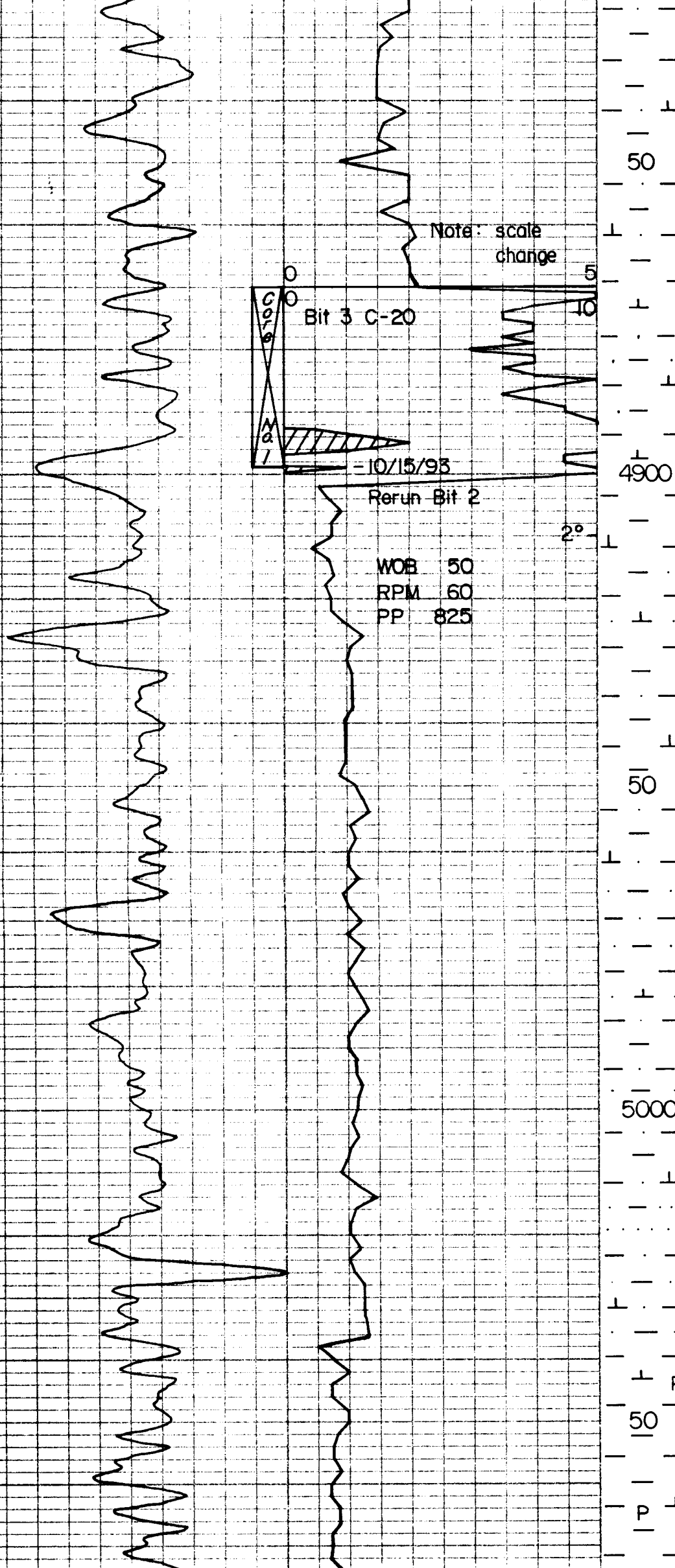
Sh brn-gybrn gy sft-
frm plty-sub biky calc
grdg to Stfst

Ss It brn - gybrn vf -
f gr sub ang fr srt fr consol
calc crnt slty tp p vis ø
It brn o sin mod yeigh fior
yeigh string - dif cut poor
sample - shkr down

Sits gy - gywh frm - si hd
calc

Sh brn - gybrn gy frm
plty - blk calc

Ls crm - in micxl frm
chky - rthy arg - shly



Sh gy - gybrn orngbrn
frm pty - bky calc sity

CORE NO. 1 4870' - 4899'
cut & recovered 29'

Sh dk gy - gygn frm pty
sity ip sl calc occ healed
vert frac w/ blk asph res
no flor, imm bluwht string cut

Slst m-dk gy frm calc

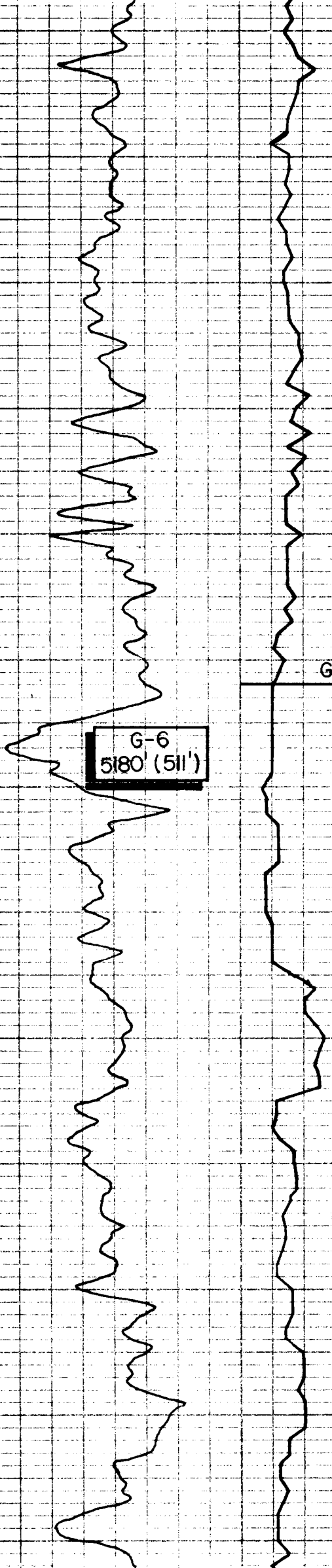
Sh lt-m gy gygn sft - frm
pty sl calc sity ip

Slst lt gy - gybrn frm
calc

Sh lt-m gy frm pty -
bky calc + sity

Slst lt gy-gywh frm - sl hd
calc grdng to vf gr. Ss ip

Sh lt-m gy gybrn sft -
frm pty calc tr Pyr



5100	Siltst lt-m gy frm calc Pyr
50	Sh gy-gybrn frm calc fr Pyr
5200	Siltst lt gy-gywh frm calc
	Sh dk brn - dk gybrn sft pty - sub blk carb - petro abnt Pyr fr Ss lt brn vf gr sub ang fr srt fr consol slty fr <u>brn o stn</u> <u>mod yeign flr mod yeign</u> <u>strng cut</u>
	Sh blk - dk gybrn sft pty carb - petr
50	Siltst lt gy-gywh frm calc
	Sh dk brn - dk gybrn sft-frm pty carb sl calc Pyr
5300	Siltst lt-m gy frm calc grdg to lt gy Sh
	Sh dk brn - dk gy sft pty carb calc ip Pyr

RECORDING

PRINTED IN U.S.A.

NO. 101 3355

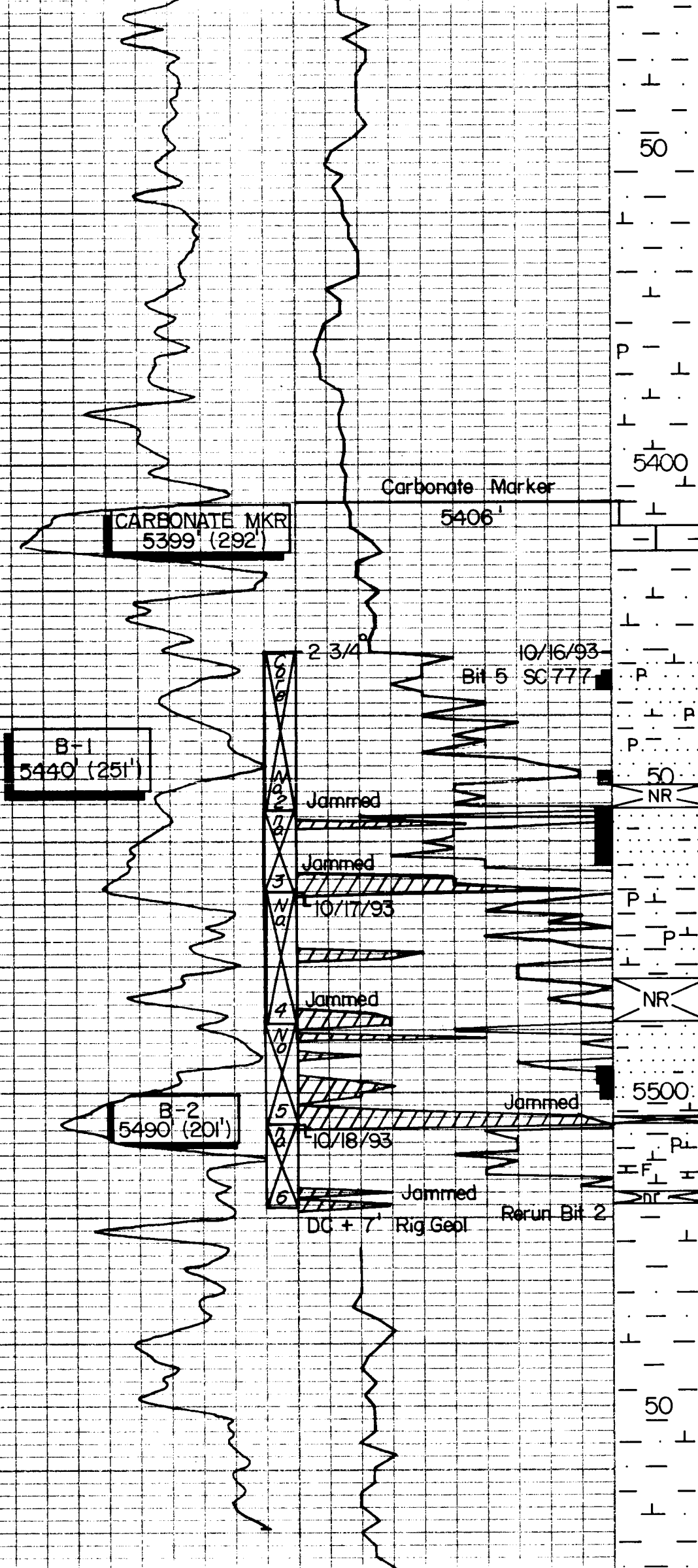
FIELD NO. NEW YORK

GEOPHYSICAL CORP.

RECORDING CHART

PRINTED IN U.S.A.

3355



Siltst lt gy sft-frn calc
grdg to Sh lt gy sft pthy
calc

Sh m-dk brn sft pthy
carb sl calc ip tr Pyr

Sh lt-m gy brn sft
pthy - blk calc - mrlly
sfty ip

Ls crm-th wh ip mixt
sft chky-rthy arg

Sh lt gy sft-frn pthy -
blk calc grdg to Siltst

CORE NO. 2 5430' - 5455'
cut 25' & recovered 21'

Siltst grdg to vf gr Ss

Ss p intgran dk brn
bldg o & stn

CORE NO. 3 5455' - 5468'
cut & recovered 13'

Ss p vis dk vert frac dk brn
bldg o & o stn thru

CORE NO. 4 5468' - 5489'
cut 21' & recovered 14'

Sh intbd w/ Siltst

CORE NO. 5 5489' - 5505'
cut 16' & recovered 15'

Ss p vis dk open vert
frac lt orga o along frac &
stn

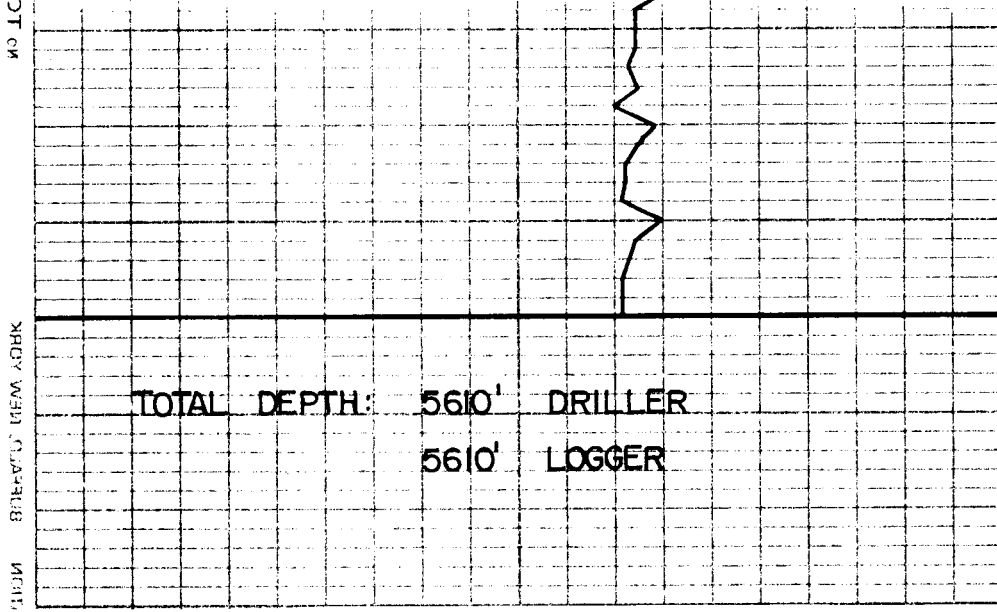
CORE NO. 6 5505' - 5518'
cut 13' & recovered 11'

Sh grdg to fos Ls w/
sl bldg yellowng o along tt
calc heated frac

Sh gy-gybrn frn blk
calc sfty

Siltst lt-m gy frn-hd
calc

Sh lt-m gy frn blk
pthy calc sfty



5600

Slitst. It gy-gywh frm calc
grdg to Ss. It brn vf-m gr
sub ang p srt w consol calc
no vis ø brn o stn dull
yelgn flr slo yelgn stmg -
dif cut

10/19/93 RUN E-LOGS. SET
5 1/2" PRODUCTION CASING


**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
TREATMENT REPORT

Well Name Monument Red. 32-15J Date of Treatment: 10-28-93
 Field Monument Belle County Duchesne SEC. 15 TWN. 9 S RNG. 16 E
 Formation/Perforations: Green River / 4718-20, 4726-31, 4733-36 251

Treatment type: sand frac. Total Number of Holes: 21

Volume	Fluid	Conc.	Sand Characteristics	
			Size	Volume
Gal.				
Gal.				
<u>3000</u> Gal.	<u>2% KCL</u>		<u>PSI 2000 BPM 2010</u>	
Gal.	<u>"</u>	<u>2#</u>	<u>PSI 2010 BPM 20.4 20140</u>	<u>#</u>
Gal.	<u>"</u>	<u>3#</u>	<u>1850 20.0 20140</u>	<u>#</u>
Gal.	<u>"</u>	<u>4#</u>	<u>1800 19.2 20140</u>	<u>#</u>
Gal.	<u>"</u>	<u>5#</u>	<u>1900 17.28 20140</u>	<u>#</u>
Gal.	<u>"</u>	<u>6#</u>	<u>1730 17.8 20140</u>	<u>#</u>
Gal.	<u>"</u>	<u>7#</u>	<u>2000 20.5 2014</u>	<u>#</u>
Gal.				<u>#</u>
Gal.				<u>#</u>

TOTAL FLUID PUMPED: 14070 gal. 2% KCL Acid fluid

TOTAL SAND VOL.: 29000 lbs. 20140 sand
 lbs. 1 sand
 lbs. 1 sand
 lbs. 1 bauxite

Flushed well with 4870 gal. of 2% KCL water, 2490 PSI, 21.3 BPM
0 ball sealers were pumped. Was ball action seen? BTTR.
 Barrels of Load to Recover

Avg. Treating Pressure = 2100 psi, max = 2450 psi, min = 1800 psi.
 Avg. Treating Rate = 20 bpm, max = 22 bpm, min = 18 bpm.
 ISIP = 1800 psi, 5 min. = 1540 psi, 10 min. = 1470 psi, 15 min. = 1440 psi.
 Well will be shut in for 17 hrs. before bringing back fluid.

REMARKS: press. test surface Equip. to 4000 PSI, OK


**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Birmingham, AL 35204-1017
TREATMENT REPORT

Well Name Monument Fed. 32-155 Date of Treatment: 10-28-93
 Field Monument Belle SEC. 15 TWN. 9 S RNG. 16 E
 County Duchesne State Utah
 Formation/Perforations: Green River / 4718-20, 4726-31, 4733-36 251

Treatment type: sand frac. Total Number of Holes: 21

Volume	Fluid	Conc.	Sand Characteristics	
			Size	Volume
Gal.				
Gal.				
<u>3000</u> Gal.	<u>2% KCL</u>		<u>PSI 1000 BPM 20.0</u>	
Gal.	<u>"</u>	<u>2#</u>	<u>PSI 2010 20.0 20140</u>	<u>#</u>
Gal.	<u>"</u>	<u>3#</u>	<u>1850 20.0 20140</u>	<u>#</u>
Gal.	<u>"</u>	<u>4#</u>	<u>1800 19.2 20140</u>	<u>#</u>
Gal.	<u>"</u>	<u>5#</u>	<u>1900 17.28 20140</u>	<u>#</u>
Gal.	<u>"</u>	<u>6#</u>	<u>1730 17.8 20140</u>	<u>#</u>
Gal.	<u>"</u>	<u>7#</u>	<u>2000 20.5 2014</u>	<u>#</u>
Gal.			<u>1</u>	<u>#</u>
Gal.			<u>1</u>	<u>#</u>

TOTAL FLUID PUMPED: 14070 gal. 2% KCL % Acid fluid

TOTAL SAND VOL.: 28000 lbs. 20140 sand
 lbs. 1 sand
 lbs. 1 sand
 lbs. 1 bauxite

Flushed well with 4870 gal. of 2% KCL water, 2490 PSI, 21.3 BPM
0 ball sealers were pumped. Was ball action seen?
 Barrels of Load to Recover BTR.

Avg. Treating Pressure = 2100 psl, max = 2450 psl, min = 1800 psl.
 Avg. Treating Rate = 20 bpm, max = 22 bpm, min = 18 bpm.
 ISIP = 1800 psl, 5 min. = 1540 psl, 10 min. = 1470 psl, 15 min. = 1440 psl.
 Well will be shut in for 17 hrs. before bringing back fluid.

REMARKS: press. test surface Equip. to 4000 PSI, OK



TREATMENT REPORT

Date of Treatment: 10-28-93

Well Name Monument Les. 32-155

SEC. 15 TWN. 9S RNG. 16E

Field Monument Butte County Duchesne

State Utah

RNG 16E

Formation/Perforations: Green River, 4718-20, 4726-31, 4733-36 2 SP

Treatment type: Break Down

Total Number of Holes: 2 /

[illegible]

TOTAL FLUID PUMPED: _____ gal. _____ % _____

Acid
fluid

TOTAL SAND VOL. : _____ lbs. _____ / _____ sand
 _____ lbs. _____ / _____ sand
 _____ lbs. _____ / _____ sand
 _____ lbs. _____ / _____ bauxite

Flushed well with _____ gal. of _____

_____ gal. or _____
 _____ ball sealers were pumped. Was ball action seen? ~~HHH~~ ~~HHH~~ ~~HHH~~ yes
 Barrels of Load to Recover 80 BUR.

Avg. Treating Pressure = 2700 psi, max = 3300 psi, min = 2300 psi

Avg. Treating Rate = 4.0 bpm, max = 6.4 bpm, min = 3.8 bpm

ISIP = 1200 psi, 5 min. = 614 bpm, max = 3.8 bpm.
Well will backflow at psi, 10 min. = psi, 15 min. = psi

Well will be shut in for _____ hrs. before bringing back fluid.

REMARKS: pref. test surface casing, 5000 PSI, OK
initial break, 2100 PSI at 4 BPM, back to 900 PSI at 4 BPM
swage bells off, pump for rate 3.3 BPM at 2500 PSI

BALCRON OIL
DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #32-15

Location: SW NE Section 15, T9S, R16E
Duchesne County, Utah

10-26-93 Completion

TIH to 5553', circ well clean w/2% KCL wtr. TOOH w/tbg, SN & packer. RU Schlumberger to reperforate 5496'-98' w/2 SPF. RD Schlumberger. TIH w/1 jt 2-7/8" tbg, 5-1/2" packer, SN, & 175 jts 2-7/8" tbg. Set packer at 5431' KB, EOT at 5466' KB. RU Western to do KCL breakdown. Pressure test surface equipment to 6000 psi - OK. Start pumping, pressure up to 4000 psi, held pressure for 1 min, then started communicating w/csg, drop standing valve to test tbg. Tbg held good. TOOH w/tbg & packer. RU Schlumberger to perf 5454-56' 5 SPF. RD Schlumberger & SWIFN.

DC: \$6,938

10-27-93 Completion

TIH w/tbg & R-3 packer. Spot acid 250 gals 15% to packer. Set packer & pressure to 3000#, get get communications on backside. Close valve on csg head & keep pressure to 3200#-3400# for 1 hr. Did not break. Bled pressure off & get pump rate of 2/10 - 4/10 bbls per min @ 4000#. Drop ball & seat on top of packer & get pump rate of 4/10 - 6/10 bbls per min @ 5000#. Reverse acid & ball out of hole. TOOH w/tbg & packer, Hydro test tbg in hole 75 jts. Found 1 collars w/threads corroded. Rod + 1 collar worn to the point of junk. TOOH w/tbg. RU Schlumberger to perf 4718'-20, 4726'-31', 4733'-36' (2 SPF). RD Schlumberger. SWIFN.

DC: \$4,842

10-28-93 Completion.

Hydro-test tbg in hole. Set pkr @ 4626'KB, EOT @ 4664'KB. RU Halliburton to do break down on perfs 4718'-4786'. See Treatment Report. TOOH w/tbg & pkr. RU Halliburton to frac perfs 4718'-20', 4726'-31', 4733'-36'. See Treatment Report. SWIFD.

DC: \$22,264

BALCRON OIL
DAILY OPERATING REPORT

BALCRON MONUMENT FEDERAL #32-15

Location: SW NE Section 15, T9S, R16E
Duchesne County, Utah

- 10-26-93 Completion
TIH to 5553', circ well clean w/2% KCL wtr. TOOH w/tbg, SN & packer. RU Schlumberger to reperforate 5496'-98' w/2 SPF. RD Schlumberger. TIH w/1 jt 2-7/8" tbg, 5-1/2" packer, SN, & 175 jts 2-7/8" tbg. Set packer at 5431' KB, EOT at 5466' KB. RU Western to do KCL breakdown. Pressure test surface equipment to 6000 psi - OK. Start pumping, pressure up to 4000 psi, held pressure for 1 min, then started communicating w/csg, drop standing valve to test tbg. Tbg held good. TOOH w/tbg & packer. RU Schlumberger to perf 5454-56' 5 SPF. RD Schlumberger & SWIFN.
DC: \$6,938
- 10-27-93 Completion
TIH w/tbg & R-3 packer. Spot acid 250 gals 15% to packer. Set packer & pressure to 3000#, get get communications on backside. Close valve on csg head & keep pressure to 3200#-3400# for 1 hr. Did not break. Bled pressure off & get pump rate of 2/10 - 4/10 bbls per min @ 4000#. Drop ball & seat on top of packer & get pump rate of 4/10 - 6/10 bbls per min @ 5000#. Reverse acid & ball out of hole. TOOH w/tbg & packer, Hydro test tbg in hole 75 jts. Found 1 collars w/threads corroded. Rod + 1 collar worn to the point of junk. TOOH w/tbg. RU Schlumberger to perf 4718'-20', 4726'-31', 4733'-36' (2 SPF). RD Schlumberger. SWIFN.
DC: \$4,842
- 10-28-93 Completion.
Hydro-test tbg in hole. Set pkr @ 4626'KB, EOT @ 4664'KB. RU Halliburton to do break down on perfs 4718'-4786'. See Treatment Report. TOOH w/tbg & pkr. RU Halliburton to frac perfs 4718'-20', 4726'-31', 4733'-36'. See Treatment Report. SWIFD.
DC: \$22,264

CORE ANALYSIS REPORT

FOR

BALCRON OIL
MONUMENT FEDERAL NO. 32-15 WELL
MONUMENT BUTTE FIELD 1868 F&L
DUCHESNE COUNTY, UTAH 1993 F&L
1-17-1993





CORE ANALYSIS REPORT

FOR

BALCRON OIL
MONUMENT FEDERAL NO. 32-15 WELL
MONUMENT BUTTE FIELD 186852 L
DUCHESNE COUNTY, UTAH 179352 L
43-013-21368 SWDE
Sec 15 T9S, R16E

The interpretations or opinions expressed represent the best judgement of OMNI Laboratories, Inc. and it assumes no responsibility and makes no warranty or representations, as to the productivity, proper operations, or profitability of any oil, gas or other mineral well. These analyses, opinions or interpretations are based on observations and materials supplied by the client for whom this report is made.



(713) 862-2400
6955 Portwest Drive • Suite 100 • Houston, Texas 77024-8018

November 4, 1993

Mr. Steve Durrett
Balcron Oil
P.O. Box 21017
Billings, Montana 59104

Subject: Monument Federal No. 32-15 Well
Monument Butte Field
Duchesne County, Utah

Dear Mr. Durrett:

Conventional cores from the above referenced well were picked up on site and transported to our Houston laboratory for analysis.

A core gamma log was performed on the six recovered cores and is included on the final pages of this report, along with the results of the Dean Stark analysis, cross-plots and histograms.

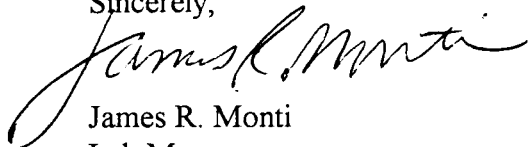
The analytical procedures were as follows: One inch diameter plugs were taken in the sand intervals which appeared to have the most reservoir potential or the obvious presence of liquid hydrocarbons, samples were extracted in toluene to remove all fluids, the fluids were collected and saturation data was calculated using a 34 degree gravity for the oil. After drying in a humidity controlled oven, permeability to air, helium porosities, and grain densities were measured and calculated.

A brief lithologic description appears after each sample. It should be noted, this is a description of the plug and is a mere eyeball description without the use of a thin section or petrographic microscope. Therefore, the total makeup of each sample may be in question.

The cores currently remain in our laboratory awaiting further instructions.

If there any questions regarding the results, please feel free to contact me at any time. Thank you for the opportunity to be of service.

Sincerely,



James R. Monti
Lab Manager

BALCRON OIL
 MONUMENT FEDERAL NO. 32-15 WELL
 MONUMENT BUTTE FIELD
 DUCHESNE COUNTY, UTAH



FILE NO : H-2289
 ANALYST: MONTI-PLUMLY
 DATE : 10-23-93
 CORES : DIAMOND

SMP NO.	DEPTH FEET	PERM MD	He% POR	OIL% PORE	WTR% PORE	GAS% VOL.	GRN DEN	FORMATION DESCRIPTION
CORE NO. 1 - 4870.0 - 4899.3, CUT 29.3' REC 29.3'								
CORE NO. 2 - 5430.0 - 5455.0, CUT 25' REC 21'								
1	5433.90	0.03	3.8	57.3	35.3	0.3	2.71	SD VFG SLTY SDOL YL FLU
2	5434.55	0.03	4.2	44.0	29.3	1.1	2.72	SD VFG SLTY SDOL YL FLU
3	5435.30	0.03	4.6	53.6	25.6	0.9	2.70	SD VFG SLTY SDOL YL FLU
4	5449.20	0.19	5.5	33.6	39.7	1.4	2.65	SD F-VFG SLTY SSHY LAMS YL FLU
CORE NO. 3 - 5455.0 - 5468.0, CUT 13' REC 13'								
5	5455.20	0.20	5.6	30.6	39.6	1.6	2.65	SD F-VFG SLTY SSHY LAMS YL FLU
6	5456.65	0.13	4.9	32.1	36.7	1.5	2.68	SD F-VFG SLTY SSHY LAMS YL FLU
7	5457.40	0.18	7.0	46.8	16.6	2.5	2.69	SD F-VFG SSLTY SSHY YL FLU
8	5458.30	0.21	6.6	16.3	40.8	2.8	2.68	SD F-VFG SSLTY SSHY YL FLU
9	5459.75	0.88	7.6	36.9	21.0	3.1	2.68	SD F-VFG SSLTY SSHY YL FLU
10	5460.50	0.12	5.3	40.0	23.1	1.9	2.70	SD F-VFG SSLTY SSHY SLMY YL FLU
11	5461.35	0.30	6.2	34.5	23.8	2.5	2.68	SD F-VFG SSLTY SSHY YL FLU
12	5462.60	0.39	6.5	38.1	25.4	2.3	2.68	SD F-VFG SSLTY SSHY YL FLU
13	5463.50	0.16	4.1	37.8	31.0	1.2	2.67	SD F-VFG SSLTY SSHY YL FLU
CORE NO. 4 - 5468.0 - 5489.0, CUT 21' REC 14'								
CORE NO. 5 - 5489.0 - 5505.0, CUT 16' REC 15'								
14	5491.50	0.05	5.1	30.1	51.6	0.9	2.69	SD VFG SLTY YL FLU
15	5492.65	0.11	6.3	21.2	50.4	1.7	2.66	SD VFG SLTY YL FLU
16	5493.40	0.16	7.0	29.6	41.4	2.0	2.67	SD VFG SLTY YL FLU

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BALCRON OIL
 MONUMENT FEDERAL NO. 32-15 WELL
 MONUMENT BUTTE FIELD
 DUCHESNE COUNTY, UTAH



FILE NO : H-2289
 ANALYST: MONTI-PLUMLY
 DATE : 10-23-93
 CORES : DIAMOND

SMP NO.	DEPTH FEET	PERM MD	He% POR	OIL% PORE	WTR% PORE	GAS% VOL.	GRN DEN	FORMATION DESCRIPTION
17	5494.80	0.10	6.6	35.0	43.3	1.4	2.66	SD F-VFG SLTY YL FLU
18	5495.40	0.16	7.0	37.3	30.1	2.2	2.68	SD F-VFG SLTY YL FLU
19	5496.50	0.11	5.0	21.1	55.5	1.1	2.65	SD F-VFG SLTY YL FLU
20	5497.50	0.08	4.3	26.5	48.1	1.0	2.68	SD F-VFG SLTY YL FLU
21	5498.50	0.14	7.2	25.1	41.9	2.3	2.67	SD F-VFG SLTY YL FLU
22	5499.40	0.08	4.9	36.3	38.6	1.2	2.68	SD F-VFG SLTY YL FLU
23	5500.30	0.05	5.4	26.0	52.0	1.1	2.69	SD VFG SLTY YL FLU
24	5501.20	0.02	4.7	29.1	37.3	1.5	2.72	SD VFG SLTY YL FLU

CORE NO. 6 - 5505.0 - 5520.0, CUT 15' REC 11.2'

25	5513.85	0.03	2.4	41.2	40.2	0.4	2.73	LS MICXL FOSS YL FLU
26	5514.40	0.03	1.7	50.0	39.2	0.1	2.87	DOL MICXL VFOSS YL FLU

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OMNI LABORATORIES, INC.

COMPANY BALCRON OIL FIELD MONUMENT BUTTE FILE H-2289
WELL MONUMENT FEDERAL NO. 32-15 COUNTY DUCHESNE DATE 10-22-93
LOCATION _____ STATE UTAH ELEV. _____

CORE-GAMMA LOG

VERTICAL SCALE: 5" = 100'

GAMMA RAY
RADIATION INCREASE

PERMEABILITY
MILLIDARCYs

POROSITY
PERCENT

TOTAL WATER
PERCENT TOTAL WATER

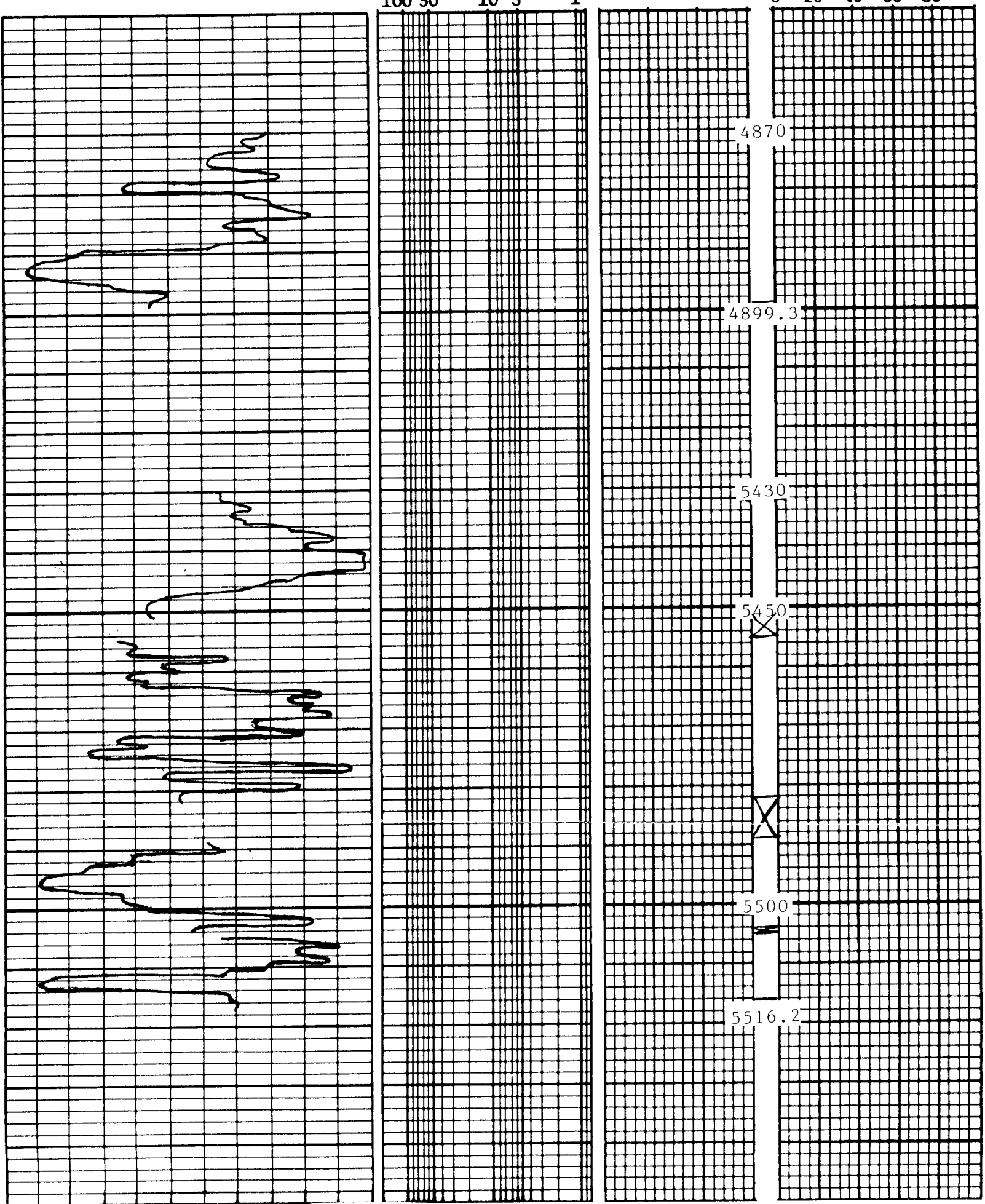
80 60 40 20 0

OIL SATURATION
PERCENT PORE SPACE

5K C.P.M.

100 50 10 5 1

0 20 40 60 80



Page 1 of 2

Balcron Oil
DAILY OPERATING REPORT

DATE: 11/22/93

****JONAH UNIT PARTNERS' DAILY REPORT******BALCRON MONUMENT FEDERAL #21-12J**

Operator: EREC/Balcron

BOD WI: 79.78%

Location: NE NW Section 12, T9S, R16E
Duchesne County, Utah

Prospect: Jonah Unit / Monument Butte

11-20-93 TD: 5,400' (962') Day 5
Formation: Red Zone
MW 8.4 VIS 26
Present Operation: Drilling
Drill, survey, & clean on rig.
DC: \$12,883 CC: \$101,580

11-21-93 TD: 5,800' (400') Day 6
Formation: Green River
MW 8.3 VIS 26
Present Operation: LD logging tools.
Drill, blow hole, load hole w/fluid & circ, TOH for logs. Logging,
LD logging tools.
DC: \$18,167 CC: \$119,747

11-22-93 TD: 5,800' (0') Day 7
Formation: Green River
Present Operation: Plug Well.
RD loggers, LD drill collars, TIH w/drill pipe. Circ & WO cmt
trucks. Spot btm plug & wait 5-1/2 hrs. Tag @ 4770'. Plug #2 -
OK, plug #3 - OK, plug #4 - OK. Plugging orders from Ed Forsman @
10:30 p.m.. BLM representative on location Bill Owens.
DC: \$5,650 CC: \$125,397

BALCRON MONUMENT FEDERAL #32-15

Operator: Balcron/EREC

BOD WI: 79.78%

Location: SW NE Section 15, T9S, R16E
Duchesne County, Utah

Prospect: Monument Butte

---TIGHT HOLE---

11-20-93 Completion
Surface equipment hook up & start unit. Start pumping 3:00 p.m.,
stroke length 72", SPM - 3.
DC: \$4,629

**UTAH DIVISION OF OIL, GAS AND MINING
EQUIPMENT INVENTORY**

Operator: EQUITABLE RESOURCES COMPANY Lease: State: Federal: Y
Indian: Fee:

Well Name: MONUMENT FEDERAL #32-15J API Number: 43-013-31368
Section: 15 Township: 9S Range: 16E County: DUCHESNE Field:
MONUMENT FEDERAL
Well Status: POW Well Type: Oil: Y Gas:

PRODUCTION LEASE EQUIPMENT: Y CENTRAL BATTERY:

Y Well head Boiler(s) Compressor Separator(s)
 Dehydrator(s) Shed(s) Line Heater(s) Heated
Separator
 VRU Heater Treater(s)

PUMPS:
 Triplex Chemical Y Centrifugal

LIFT METHOD:
Y Pumpjack Hydraulic Submersible Flowing

GAS EQUIPMENT:

N Gas Meters N Purchase Meter N Sales Meter

TANKS:	NUMBER	SIZE
	<u>Y</u> Oil Storage Tank(s)	<u>2-400 BARREL W/BURNERS</u> BBLs
	<u>Y</u> Water Tank(s)	<u>1-150 OPEN TOP PIT TANK</u> BBLs
	<u> </u> Power Water Tank	<u> </u> BBLs
	<u> </u> Condensate Tank(s)	<u> </u> BBLs
	<u>(1)</u> Propane Tank	<u> </u>

REMARKS: NO METERS OR SALES LINE AT PRESENT TIME. BIG JOE REGULATOR SET
FOR 80 PSI TO FLARE GAS IF NECCESARY. GLYCOL SYSTEM HEATER BY EXHAUST
MUFFLER.

Location central battery: Qtr/Qtr: Section: Township:
Range:

Inspector: DENNIS INGRAM Date: 11/24/93

EQUITABLE RESOURCES
MONUMENT FED# 32-15J
SEC 15 T9S R16E

U-017985
43-013-31368
11/24/93

BELMED AREA: 1280 BARREL CAPACITY

1-150 BARREL PIT TANK
"SUBSURFACE"

BIG JOE
REGULATOR

VENT LINE

RESIDUE GAS LINE TO BURNERS

2-400 BARREL TANKS w/ BURNERS

FLOWLINE BUNDLE

PROPANE TK

WELL
HEAD

Pump
JACK

SURFACE
SOIL

ENTRANCE

OPERATOR EQUITABLE/BALCRON

OPERATOR ACCT. NO. N 9890

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	11532	11492	43-013-31368	<i>Conf.</i> MONUMENT FED 32-15	SWNE	15	9S	16E	DUCHESNE	10-2-93	
WELL 1 COMMENTS: *JONAH UNIT											
C	11520	11492	43-013-31385	<i>Conf.</i> MONUMENT FED 14-5	SWSW	5	9S	17E	DUCHESNE	9-9-93	
WELL 2 COMMENTS: *JONAH UNIT											
C	11573	11492	43-013-31406	<i>Conf.</i> MONUMENT FED 21-12J	NENW	12	9S	16E	DUCHESNE	10-25-93	
WELL 3 COMMENTS: *JONAH UNIT											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

Title

12-8-93

Date

Phone No. ()

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-017985
2. Name of Operator Equitable Resources Energy Company, Balcron Oil Division	6. If Indian, Allottee or Tribe Name n/a
3. Address and Telephone No. P.O. Box 21017, Billings, MT 59104 (406) 259-7860	7. If Unit or CA, Agreement Designation Jonah Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SW NE Section 15, T9S, R16E 1868' ENL, 1993' FEL	8. Well Name and No. Falcon Monument Federal #32-15J
	9. API Well No. 43-013-31368
	10. Field and Pool, or Exploratory Area Monument Butte/Green River
	11. County or Parish, State Duchesne County, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Site Security Diagram</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the Operator's Site Security Diagram for this well.

DEC 23 1993

14. I hereby certify that the foregoing is true and correct

Signed

Title Operations Manager

Date 12-20-93

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

Equitable Resources Energy Company Balcron Monument Federal 32-15 Production Facility Diagram

Balcron Monument Federal 32-15
SW NE Sec. 15, T9S, R16E
Duchesne County, Utah
Federal Lease #U-017985
1868' FNL, 1993' FEL

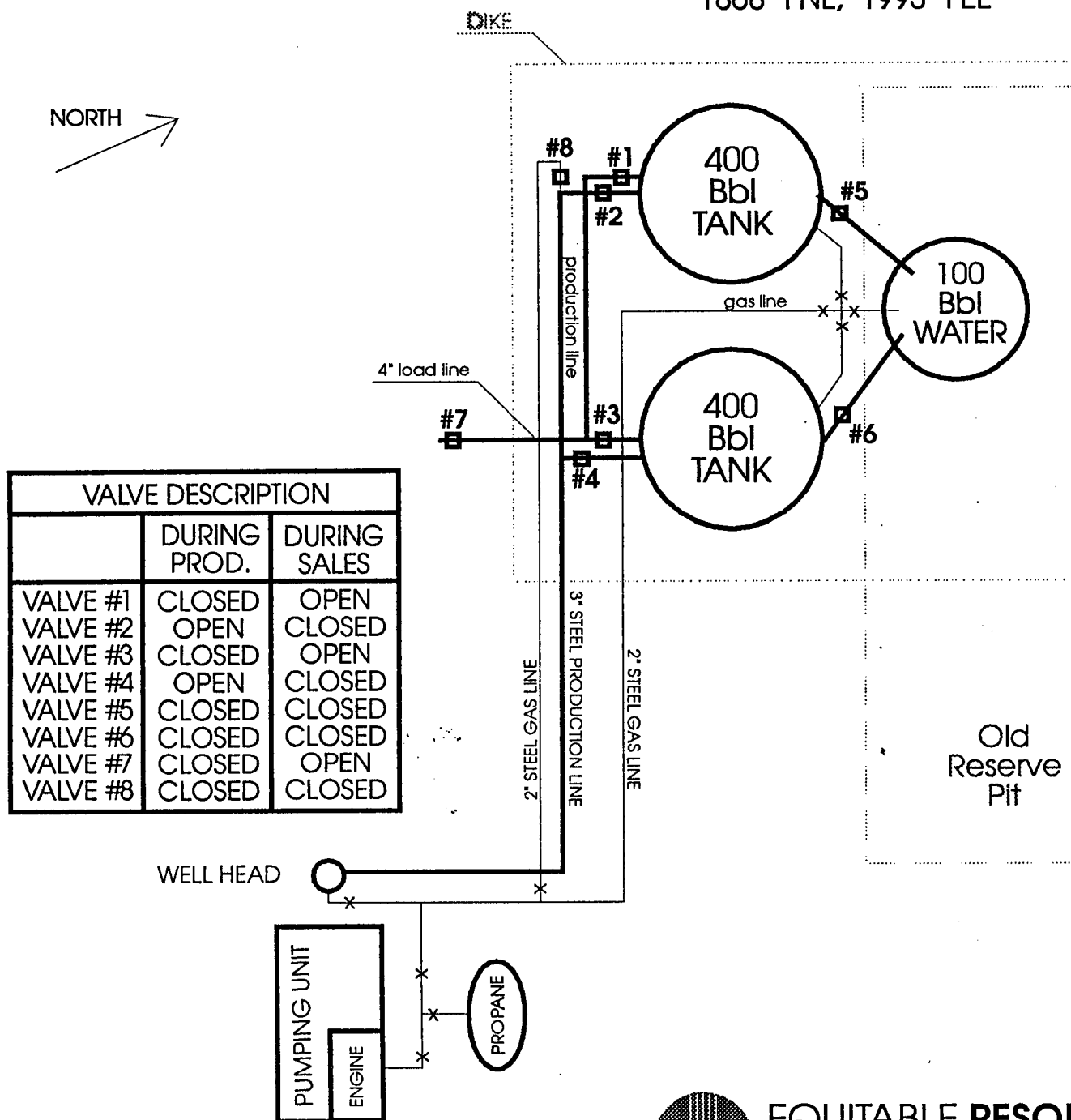


DIAGRAM NOT TO SCALE



**EQUITABLE RESOURCES
ENERGY COMPANY**
BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104-1017
(406) 259-7860

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVS. ☐ Other _____

CONFIDENTIAL

2. NAME OF OPERATOR
Equitable Resources Energy Company, Belcron Oil Division

3. ADDRESS OF OPERATOR
P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1868' FNL, 1993' FEL
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.

U-017985

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

n/a

7. UNIT AGREEMENT NAME

Jonah Unit

8. FARM OR LEASE NAME

Balcron Monument Federal

9. WELL NO.

#32-15J

10. FIELD AND POOL, OR WILDCAT

Monument Butte/Green River

11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA

SW NE Section 15, T9S, R16E

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

14. PERMIT NO. 43-013-31368 DATE ISSUED 9-21-92

15. DATE SPUDDED 10-2-93 16. DATE T.D. REACHED 10-21-93 17. DATE COMPL. (Ready to prod.) 11-20-93 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5681' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5610' 21. PLUG, BACK T.D., MD & TVD 5555.05' 22. IF MULTIPLE COMPL., HOW MANY* r/a 23. INTERVALS DRILLED BY ROTARY TOOLS Sfc - TD CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5496'-98' 4718'-20' 4733'-36' Green River 5454'-56' 4726'-31' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DLL - MSFL - LDT - CNE - GR mud LOG 10-22-93 27. WAS WELL CORED Yes

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	276.69'	12-1/4"	150 sxs "G" + additives	n/a
5-1/2"	15.5#	5602.14'	7-7/8"	13 sxs Hilift and 249 sxs "G" + additives	n/a

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
n/a					2-7/8"	4824.30'	n/a

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
5496'-98' (4 SPF)		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5454'-56' (4 SPF)		5496'-98'	250 gallons 15% HCL
4718'-20' (2 SPF)		5454'-56'	250 gallons 15% HCL
4729'-31' (2 SPF)		4718'-20, 4726'-31 and 4733'-36	Frac w/28,000# 20/40 sand and 335 bbls 2% KCL water
4733'-36' (2 SPF)			

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-20-93		1-1/2" Insert Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-25-93	24	n/a	→	20	120	0	6
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
n/a	n/a	→	20	120	0	34	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel. TEST WITNESSED BY Dale Griffin

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED [Signature] TITLE Operations Manager DATE 12-20-93

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			No DST's run.	See Geologic	Report submitted	separately.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

U-017985

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Federal #32-15,

9. API Well No.

43-013-31368

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, Utah

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017, Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE Section 15, T9S, R16E

1868' ENL, 1993' FEL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Onshore Order #7

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Any water produced by this well will be held in a produced water tank and trucked to a commercial disposal facility. The primary facility to be used is the R.N. Industries produced water disposal facility located in Section 9, T2S, R2W in Duchesne County, Utah. A copy of the State-issued permit for that facility is on file at the Vernal Bureau of Land Management. If for some reason the operator is unable to use this primary disposal facility, the produced water will be trucked to another State-approved disposal facility. If applicable, Operator has received approved Right-of-Way access to this well location from the Vernal Bureau of Land Management.

DEC 23 1993

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title Operations Manager

Date 12-20-93

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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*See Instruction on Reverse Side

REPORT OF WATER ENCOUNTERED DURING DRILLING - FORM 7 (1/89)

1. Well name and number: Balcron Monument Federal #32-15J
API number: 43-013-31368
2. Well location: QQ SW NE section 15 township 9S range 16E county Duchesne
3. Well operator: Equitable Resources Energy Company, Balcron Oil Division
Address: P.O. Box 21017 phone: (406) 259-7860
Billings, MT 59104
4. Drilling contractor: Union Drilling
Address: Drawer 40 phone: (304) 472-4610
Buckhannon, WV 26201

5. Water encountered (continue on reverse side if necessary)

Depth		Volume (flow rate or head)	Quality (fresh or salty)
from	to		
		No measurable water reported during	
		drilling operations.	

6. Formation tops: See Geologic Report submitted separately.
- _____
- _____
- _____

If an analysis has been made of the water encountered, please attach a copy of the report to this form.

I certify that this report is true and complete to the best of my knowledge.

Name Dave McCoskery Signature [Signature]
Title Operations Manager Date 12-20-93

Comments:



**EQUITABLE RESOURCES
ENERGY COMPANY**

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

December 17, 1993

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Gentlemen:

*47-012-31368
BALCRON Monument Federal
Sec 15 T 9S R 16E*

Enclosed is a copy of the paleontology study report on the latex mold which we had taken at fossil track site #42DC130T which was required to lay our water injection pipeline.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Coordinator of Operations,
Environmental and Regulatory Affairs

/rs

Enclosure

cc: Utah Division of Oil, Gas and Mining

BALCRON OIL
MONUMENT BUTTE
WATER INJECTION PIPELINE TO 32-15
SECTION 6, T9S, R17E AND
SECTIONS 1, 11, 12, AND 15, T9S, R16E, SLB&M
DUCHESNE COUNTY, UTAH

REPORT ON LATEX MOLD
TAKEN AT FOSSIL TRACK SITE

42DC130T

BY

ALDEN H. HAMBLIN
PALEONTOLOGIST
235 EAST MAIN
VERNAL, UTAH 84078

DECEMBER 9, 1993

LATEX MOLD MADE AT FOSSIL SITE #42DC130T ALONG BALCRON OIL WATER
INJECTION PIPELINE, MONUMENT BUTTE OIL FIELD, DUCHESNE COUNTY, UT

While performing a paleontology survey along a proposed Balcron Oil Water Injection pipeline in the Monument Butte Oil field, Duchesne Co., Utah, a fossil trackway was identified and recorded as site 42DC130T. This track site has a small trackway with four tracks, possibly of some Eocene mammal. The tracks are not preserved in good detail, but the trackway is identifiable by a series of four tracks alternating from left to right in a row.

It was recommended in the original paleontology report that a latex mold be made of this trackway prior to construction of the pipeline (which would destroy the site).

A latex mold was successfully made of this trackway on October 27th and 28th of 1993. This mold is now at the Utah Field House of Natural History where it will be curated for future use and study.

The paleontology report also recommended that an attempt be made to collect these tracks at the time of pipeline construction. However, after making the mold at this site and observing the nature of the rock they are on, it is not felt that this could be done very easily. Because the mold has successfully copied what was represented there, it is no longer felt that collecting this material would be feasible or necessary.

The paleontology report also recommended that construction be monitored through this area to see if any other tracks or trackways might be exposed. I would suggest that we continue with the plan to monitor this section during construction for the purpose of watching for additional track fossil.

Melan B. Hamblin
Paleontologist

DATE December 9, 1993

<p align="center">PALEONTOLOGY LOCALITY</p> <p align="center">Data Sheet</p>										Page 1 of 2		
										State Local. No. 42 DC130T		
										Agency No.		
										Temp. No. BALCRON OIL MONUMENT BUTTE WATER INJECTION PIPELINE TO 32-15		
1. Type of locality Invertebrate			Plant		Vertebrate		X	Trace		X	Other _____	
2. Formation: UINTA					Horizon: "B"				Geologic Age: Late Eocene			
3. Description of Geology and Topography: North facing slope on the south side of a draw which runs east into Castle Peak Draw. Castle Peak Draw is south of this draw. Uinta Formation composed of interbedded sandstone, siltstone, and mudstone is exposed through out the area.												
4. Location of Outcrop: 10 miles south and 1 mile west of Myton, Utah												
5. Map Ref.		USGS Quad		MYTON SE, UTAH			Scale		7.5	Min	Edition	1964
NE1/4	of	SE1/4	of	SW1/4	of Sectn	11	T	9 S	R	16E	Meridn	SLB
6. State: UTAH			County: DUCHESNE			BLM/FS District: VERNAL- DIAMOND MT.						
7. Specimens Collected and Field Accession No. NONE												
8. Repository:												
9. Specimens Observed and Disposition: Track site. This track site, though faint and not real distinct, is important because of the rarity of known fossil track localities in the Uinta Formation. This site is in the SW1/4, NE1/4, SE1/4, SW1/4 of section 11. It consists of two possible trackways. The first is a series of 4 aligned alternating right and left indentations totaling about 39 inches (1 meter) in length. These indentations are spaced at 12 to 13 inches (30 to 33 cm) apart. The first indentation may have some shape representing three toes, although this may also just be the way the rock broke out. The tracks possibly represent a quadrupedal mammal with hind feet stepping on top of the tracks of the front feet, or it might represent bipedal bird tracks. Because of the shape of the first track and the general round indistinct nature of the other indentations, the first interpretation is felt more likely. The second set is made up of several more indentations which appear to form a line near the beginning of the first set. These indentations are a little larger, but less distinct and may involve 3 to 4 tracks if they do represent a trackway. There are also a few turtle shell fragments weathering out of the hill above this area.												
10.Owner: Private		State		BLM	X	US FS	NPS	IND	MIL	OTHR		

11.Recommendations for Further Work or Mitigation: This track site is on an existing road surface and was exposed when the road was built. A latex mold should be made of this site (about 1 square meter) to preserve a copy of what is here. An attempt should be made to collect this material if possible. The rock is a mudstone and it may be hard collect without breaking up the layer with the tracks. This should be attempted anyway if the rock is to be destroyed during pipeline construction and it appears that it will.

I would also recommend that excavation through this particular spot be monitored to see if any other tracks might be found.

12.Type of Map Made by Recorder:

13.Disposition of Photo Negatives: Slides taken by Alden Hamblin

14.Published References: Hamblin, A. H., 1987, Paleogeography and Paleoecology of the Myton Pocket, Uinta Basin, Utah (Uinta Formation - Upper Eocene), BYU Geology Studies, Vol. 34, Pt. 1, pp. 33-60.

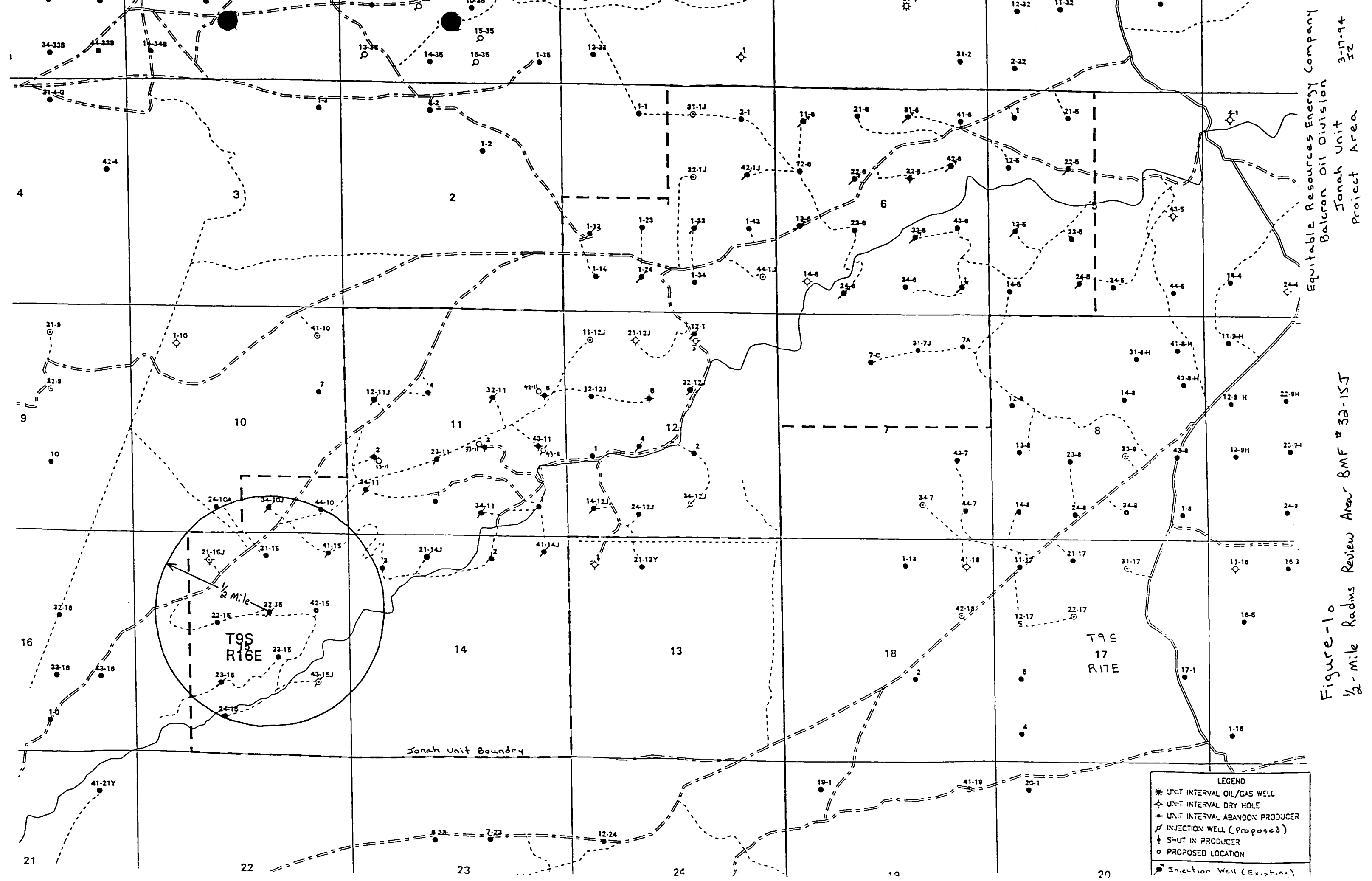
Hamblin, A. H., 1993, Paleontology Report for the Cultural Resources Component of the Monument Butte EA Study Area.

15.Remarks:

16.Sensitivity:	Critical		Significant	X	Important		Insignificant	
------------------------	----------	--	-------------	---	-----------	--	---------------	--

17.Recorded by: Alden H. Hamblin

Date: August 24, 1993



INJECTION PERMIT TRACKING RECORD

Company: Egmont Well: 32-15 J.

Location: Sec. 15 Twn: 9S Rng: 16E QtQt: SWNE

County: Duch Field: MB Unit: Jonah

API No.: 43-013-31368

Date Received: 8/3/94

Cause Number: _____

Notice Date: _____

Conversion Approval: _____

Permit Issued: _____

Commencement: _____

Drilled: Y

Code: E

Hearing Date: _____

Wells In AOR: _____

APPLICATION FOR INJECTION WELL - UIC FORM 1

AUG - 3 1994

16

OPERATOR Equitable Resources Energy Company,
Balcron Oil Division
ADDRESS P.O. Box 21017
Billings, MT 59104

RECEIVED
DIVISION OF OIL & MINING

Well name and number: Balcron Monument Federal #32-15J

Field or Unit name: Monument Butte Field/Jonah Unit Lease no. U-017985

Well location: QQ SW NE section 15 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? . . Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? . . Yes ☒ No ☐

Disposal? Yes ☐ No ☒

Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____

API number: 43-013- 31368

Proposed injection interval: from 4,718' to 5,498'

Proposed maximum injection: rate 600 BWPD pressure 2000 psig

Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: UIC Permit Application

I certify that this report is true and complete to the best of my knowledge.

Name Bobbie Schuman Signature Bobbie Schuman
Title Regulatory and Environmental Specialist Date August 2, 1994
Phone No. (406) 259-7860

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 1, 1994

Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-152

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

September 1, 1994

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

Gentlemen:

Re: Notice of Agency Action - Cause No. UIC-152

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Sincerely,

Lisa D. Clement
Administrative Secretary

Enclosure
WOI168



BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

---ooOoo---

IN THE MATTER OF THE APPLICATION	:	NOTICE OF AGENCY ACTION
OF EQUITABLE RESOURCES ENERGY	:	
COMPANY FOR ADMINISTRATIVE	:	CAUSE NO. UIC-152
APPROVAL TO CONVERT THE 44-1J, 34-10J,	:	
34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J,	:	
14-12J, 32-12J, C & O GOVERNMENT #4,	:	
21-14J, 41-14J, 23-15J, 32-15J, AND 41-15J WELLS,	:	
LOCATED IN SECTIONS 1, 10, 11, 12, 14, & 15,	:	
TOWNSHIP 9 SOUTH, RANGE 16 EAST, S.L.M.,	:	
DUCHESNE COUNTY, UTAH, TO CLASS II	:	
INJECTION WELLS	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

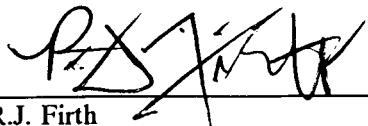
Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company ("Equitable") for administrative approval to convert the 44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J, C & O Government #4, 21-14J, 41-14J, 23-15J, 32-15J, and 41-15J Wells, located in Sections 1, 10, 11, 12, 14 & 15, Township 9 South, Range 16 East, Duchesne County, Utah, to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

Equitable proposes to inject water into the captioned wells in the Green River Formation interval at approximately 4590 - 5614 feet, for the purpose of secondary recovery operations. Equitable is requesting a maximum injection pressure of 2000 psig and estimates the injection volume to be approximately 600 barrels of water per day for each well.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days of the date of publication of this notice. If such a protest or notice of intervention is received, a hearing may be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

DATED this 1st day of September, 1994.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



R.J. Firth
Associate Director, Oil and Gas

Equitable Resources Energy Company
44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J,
C & O Government #4, 21-14J, 41-14J, 23-15J, 32-15J, and 41-15J Wells
Cause No. UIC-152

Publication Notices were sent to the following:

Newspaper Agency Corporation
Legal Advertising
157 Regent Street
Salt Lake City, Utah 84110

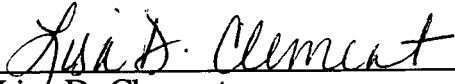
Uintah Basin Standard
268 South 200 East
Roosevelt, Utah 84066

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

Equitable Resources Energy Company
P.O. Box 21017
Billings, Montana 59104

Dan Jackson
U.S. Environmental Protection Agency
Region VIII
999 18th Street
Denver, Colorado 80202-2466

Ed Bonner
State Lands and Forestry
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204



Lisa D. Clement
Administrative Secretary
September 1, 1994



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
P.O. Box 21017
Billings, MT 59104

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

September 12, 1994

SEP 13 1994

Bureau of Land Management
170 South 500 East
Vernal, UT 84078

BALCRON MONUMENT Federal 32-15
Sec 15 T9S R16E
43-013-31368

Gentlemen:

Enclosed are Notices of Intent to convert the seventeen wells on the enclosed list to water injection.

If you have any questions or need additional information, please let me know.

Sincerely,

Bobbie Schuman

Bobbie Schuman
Regulatory and Environmental Specialist

/hs

Enclosures

cc: Dan Jarvis, Utah Division of Oil, Gas and Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

See attached listing

6. If Indian, Allottee or Tribe Name

n/a

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

See attached listing

9. API Well No.

See attached listing

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

See attached listing

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator intends to convert the wells on the attached listing to water injection in accordance with the attached injection well completion diagrams. Water will be injected at a rate of 5-6 STBWPDP per foot of pay (average 180-200 STBWPDP). The proposed conversion and water injection will commence as soon as Utah State UIC permits are approved.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Regulatory and

Title Environmental Specialist

Date 9-12-94

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

BALCRON MONUMENT FEDERAL #32-15J
 Jonah Unit/Monument Butte Field
 Lease No. U-017985
 SW NE Section 15, T9S, R16E
 Duchesne County, Utah

BALCRON OIL
 7-7-94/ks

Proposed Injection Well Completion Diagram

164

Elev.Gr @ 5681'
 Elev.KB @ 5691' (10' KB)

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 268.89'
 Hole size @ 12-1/4"
 Depth landed 276.69' KB
 Cemented w/150 sxs Class "G", 2%
 CaCl & 1/4#/sx Celloseal
 5 BBLS cement to pit.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5608.14'
 Hole size @ 7-7/8"
 Depth landed @ 5612.14' KB
 Cemented w/113 sxs Hilift & tail
 w/249 sxs Class "G" w/additives
 TOC @ 3100' from CBL

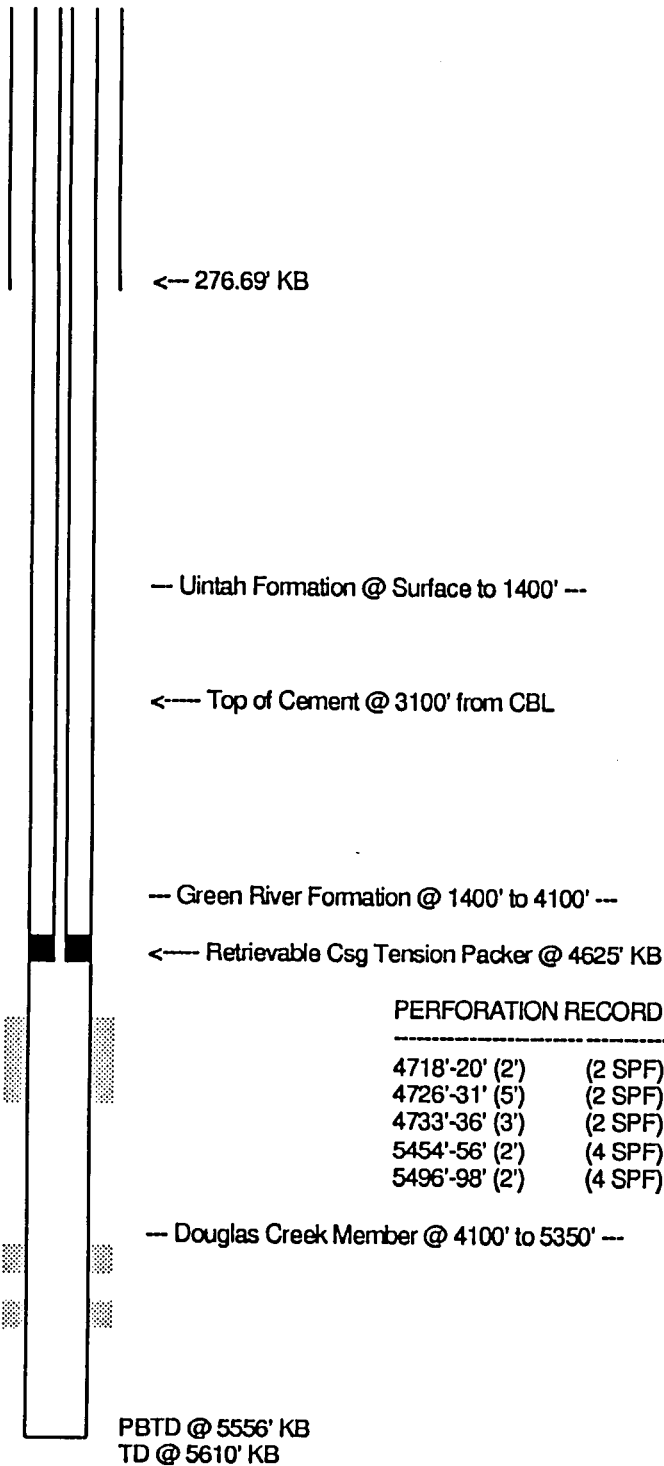
TUBING

2-7/8", 6.5#, J-55
 SN @ 2-7/8"
 SN landed @ 4621' KB

Retrievable Csg Tension Packer
 Model: Arrow Set-1
 Landed @ 4625' KB

Proposed Injection Horizons

4718'-20' (2')	(2 SPF)	RED 5
4726'-31' (5')	(2 SPF)	RED 5
4733'-36' (3')	(2 SPF)	RED 5
5454'-56' (2')	(4 SPF)	BLUE 1
5496'-98' (2')	(4 SPF)	



WELL NAME	FIELD	QTR/QTR	SEC.	TWP.	RANGE	COUNTY	ZONE	LEASE NO.	API NUMBER	FOOTAGES	UNIT
Balcron Monument Fed. #32-15	Monument Butte	SW NE	15	9S	16E	Duchesne	Green River	U-017985	43-013-31368	1868' FNL, 1993' FEL	Jonah
Balcron Monument Fed. #23-15	Monument Butte	NE SW	15	9S	16E	Duchesne	Green River	U-017985	43-013-31373	1724' FSL, 2078' FWL	Jonah
Balcron Monument Fed. #41-15	Monument Butte	NE NE	15	9S	16E	Duchesne	Green River	U-017985	43-013-31367	460' FNL, 500' FEL	Jonah
Balcron Monument Fed. #34-10J	Monument Butte	SW SE	10	9S	16E	Duchesne	Green River	U-017985	43-013-31416	592' FSL, 1979.2' FEL	Jonah
Balcron Monument Fed. #32-12J	Monument Butte	SW NE	12	9S	16E	Duchesne	Green River	U-035521	43-013-31419	1804.8' FNL, 2138.6' FEL	Jonah
C&O Gov't #4	Monument Butte	NE SW	12	9S	16E	Duchesne	Green River	U-035521-A	43-013-30742	2140' FSL, 1820' FWL	Jonah
Balcron Monument Fed. #14-12J	Monument Butte	SW SW	12	9S	16E	Duchesne	Green River	U-035521-A	43-013-31411	660' FSL, 660' FWL	Jonah
Balcron Monument Fed. #14-11	Monument Butte	SW SW	11	9S	16E	Duchesne	Green River	U-096547	43-013-31374	1048' FSL, 446' FWL	Jonah
Balcron Monument Fed. #21-14J	Monument Butte	NE NW	14	9S	16E	Duchesne	Green River	U-096547	43-013-31421	517.8' FNL, 1850.2' FWL	Jonah
Balcron Monument Fed. #12-11J	Monument Butte	SW NW	11	9S	16E	Duchesne	Green River	U-096550	43-013-31417	2128' FNL, 689' FWL	Jonah
Balcron Monument Fed. #43-11J	Monument Butte	NE SE	11	9S	16E	Duchesne	Green River	U-096550	43-013-31002	2126.9' FSL, 692.8' FEL	Jonah
Walton Federal #34-11	Monument Butte	SW SE	11	9S	16E	Duchesne	Green River	U-096550	43-013-31003	537' FSL, 2092' FEL	Jonah
Balcron Monument Fed. #23-11	Monument Butte	NE SW	11	9S	16E	Duchesne	Green River	U-096550	43-013-31369	1787' FSL, 2147' FWL	Jonah
Balcron Monument Fed. #32-11	Monument Butte	SW NE	11	9S	16E	Duchesne	Green River	U-096550	43-013-31386	2059' FNL, 1763' FEL	Jonah
Balcron Monument Fed. #41-14J	Monument Butte	NE NE	14	9S	16E	Duchesne	Green River	U-096550	43-013-31408	363.3' FNL, 600' FEL	Jonah
Balcron Monument Fed. #12-12J	Monument Butte	SW NW	12	9S	16E	Duchesne	Green River	U-096550	43-013-31410	738.6' FNL, 648.2' FWL	Jonah
Balcron Monument Fed. #44-1J	Monument Butte	SE SE	1	9S	16E	Duchesne	Green River	U-44426	43-013-31415	859' FSL, 338' FEL	Jonah

143 SOUTH MAIN ST
P.O. BOX 45838
SALT LAKE CITY, UTAH 84145
FED. TAX ID. # 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune (NA) DESERET NEWS

6/1 FYF

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COPY

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CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	BILLING DATE
DIV OF OIL, GAS & MINING 355 WEST NORTH TEMPLE 3 TRIAD CENTER #350 SLC, UT 84180	LE-5385340	09/13/94
FOR BILLING INFORMATION CALL (801) 237-2822		

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF NOTICE OF AGENCY ACTION CAUSE NO. UIC-152 BEFORE DIV OF OIL, GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

NOTICE OF AGENCY ACTION CAUSE NO. UIC-152
BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF EQUITABLE RESOURCES ENERGY COMPANY FOR ADMINISTRATIVE APPROVAL TO CONVERT THE 44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J, C & O GOVERNMENT #4, 21-14J, 41-14J, 23-15J, 32-15J, AND 41-15J WELLS, LOCATED IN SECTIONS 1, 10, 11, 12, 14, & 15, TOWNSHIP 9 SOUTH, RANGE 16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, TO CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division is commencing an informal adjudicative proceeding to consider the application of Equitable Resources Energy Company ("Equitable") for administrative approval to convert the 44-1J, 34-10J, 34-11, 12-11J, 14-11J, 23-11J, 32-11J, 43-11J, 12-12J, 14-12J, 32-12J, C & O Government #4, 21-14J, 41-14J, 23-15J, 32-15J, and 41-15J Wells, located in Sections 1, 10, 11, 12, 14, & 15, Township 9 South, Range 16 East, Duchesne County, Utah, to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

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DATED this 1st day of September, 1994.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
/s/ R.J. Firth, Associate Director, Oil and Gas

SEP 12 1994

ACCOUNT NAME		TELEPHONE	
& MINING		801-538-5340	
SCHEDULE		AD NUMBER	
		98710280	
CAPTION		MISC. CHARGES	
NOTICE OF AGENCY ACTION CAUSE NO. UIC-152 BEFORE		.00	
TIMES		RATE	
1		1.64	
COLUMN		AD CHARGE	
		160.72	
ON RECEIPT OF THIS INVOICE		TOTAL AMOUNT DUE	
		160.72	

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LEGAL ADV06-NT

ACCOUNT NUMBER	AD NUMBER	BILLING DATE	PAY THIS AMOUNT
LE-5385340	98710280	09/13/94	160.72

LEGAL ADVERTISING

MAKE CHECKS PAYABLE TO:
NEWSPAPER AGENCY CORPORATION

PLEASE REMIT TO:
NEWSPAPER AGENCY CORPORATION P.O. BOX 45838 SALT LAKE CITY, UTAH 84145-0838

DIV OF OIL, GAS & MINING
355 WEST NORTH TEMPLE
3 TRIAD CENTER #350
SLC, UT 84180

COPY

PLEASE REMOVE THIS STUB

07 7170676102801 000160726 000160726 000160726

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM**

**PERMIT
DECISION DOCUMENT**

Applicant: Balcron Oil **Location:** Jonah Unit

Wells: Federal 34-10,12-11,14-11,23-11,32-11,34-11,43-11,
C&O Govt. #4,12-12,14-12,32-12,21-14,41-14,23-15,32-15,
41-15 and 44-1

Ownership Issues: The proposed wells are located in sections 1,10,11,12,14 and 15 township 9 south, range 16 east, Duchesne County, Utah. Surface ownership within the 1/2 mile area is held by the BLM and the State of Utah. All of the wells are located on Federal land. Mineral interests are held by private individuals, the State of Utah, and the federal government. Balcron Oil has submitted an affidavit stating that a copy of UIC form 1 was sent as notice to all surface owners and operators within a 1/2 mile radius of each of the proposed injection wells.

Well Integrity: The seventeen wells proposed for conversion to injection all have surface casing set at approximately 300 feet \pm 30 feet, and were all cemented to surface. Production casing was set at a depth of approximately 5600 feet - 5800 feet, and were all cemented above the injection zone. Cement bond logs are on file with the Division and verify reported cement tops. The interval from 4590-5614 feet (Green River Formation) has been perforated for water injection. A 2 7/8 inch tubing with a packer will be set above the perforations for injection of water. There are 27 producing wells, 17 injection wells and 5 plugged and abandoned wells in the 1/2 mile area of review. All wells in the AOR have sufficient cement behind the production string and have adequate surface casing to prevent migration of fluid up the hole. At the time of conversion the casing will be pressure tested. Casing/tubing annulus pressure will be monitored on a daily basis and reported on a monthly basis thereafter. Additional casing pressure tests shall be run every five years or whenever the tubing and packer assemblies are pulled for workover purposes.

Ground Water Protection: The base of moderately saline water in the area of the project is at a depth of approximately 300-500 feet. Each of the injection wells and offset producing wells have adequate surface casing and sufficient cement on the production casing to protect fresh water. The submitted fracture pressure for the field is .861 psi/ft resulting in a maximum allowed surface pressure of 2000 psi. Injection pressures for each of the injectors will be maintained below the fracture pressure so as not to initiate fractures in the overlying strata. The confining intervals above and below the injection zone consists of tight shales, siltstones and limestones of the Green River Formation. Water analysis indicate that the TDS of injection zone is greater than 10,000 TDS.

Oil/Gas & Other Mineral Resources Protection: Balcron is the operator of the Jonah Unit. A unit agreement was previously formed, correlative rights issues were addressed before the Board of Oil, Gas and Mining when the matter was heard.

Bonding: Balcron is the operator of all wells within the project and is bonded by the Federal Government.

Actions Taken and Further Approvals Needed: These applications are for wells in an existing waterflood unit, previously supplied data and information along with newly submitted data supports a decision to approve the wells for conversion to injection. A public notice has been published in both the Salt Lake Tribune and the Uinta Basin Standard. The applications for the injection wells are technically complete. A casing pressure test needs to be conducted when the well is converted and a casing\tubing pressure test run prior to injection. The casing tubing annulus needs to be pressured to 1000 psi and not 500 psi as stated in the permit. Following the 15 day comment period if no objections are received it is recommended to issue both an approval to convert the wells and an injection permit. There are no special conditions or stipulations and the permit should be granted in accordance with the conditions set forth in the application.

DJJ
Reviewers

09-30-94
Date



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

October 4, 1994

Equitable Resources Energy Company
Balcron Oil Division
1601 Lewis Avenue
Billings, Montana 59104

Re: Monument Butte Federal 34-10, 12-11, 14-11, 23-11, 32-11, 34-11, 43-11, 12-12, 14-12, 32-12, 21-14, 41-14, 23-15, 32-15, 41-15, 44-1 and C&O Govt.#4 Wells Located in Sections 1, 10, 11, 12, 14 and 15, Township 9 South, Range 16 East, Duchesne County, Utah

Gentlemen:

In accordance with Utah Admin. Code R.649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced wells to Class II injection wells.

The following stipulations shall apply for compliance with this approval:

1. Full compliance with all applicable requirements regarding operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R.649-1 et seq.
2. Conformance with all conditions and requirements of the enclosed Underground Injection Control Permit and the application submitted by Equitable Resources Energy Company.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely,

R.J. Firth
Associate Director

cc: Dan Jackson, EPA
Bureau of Land Management, Vernal



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-152

Operator: Equitable Resources Energy Company

Wells: Monument Butte Federal 34-10, 12-11, 14-11, 23-11, 32-11, 34-11, 43-11, 12-12, 14-12, 32-12, 21-14, 41-14, 23-15, 32-15, 41-15, 44-1 and C&O Govt.#4

Location: Sections 1, 10, 11, 12, 14 and 15, Township 9 S, Range 16 E, Duchesne County

Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Wells issued on October 4, 1994.
2. Maximum Allowable Injection Pressure: 2000 psig
3. Maximum Allowable Injection Rate: 600 bbls per day/well

Approved by:

R.J. Firth
Associate Director, Oil and Gas

Date

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

INJECTION WELL - PRESSURE TEST

Test Date: <u>10/18/99</u>	Well Owner/Operator: <u>Baker</u>
Disposal Well: _____	Enhanced Recovery Well: <u>V</u> Other: _____
API No.: 43- <u>1125-3</u>	Well Name/Number: <u>32-15-5</u>
Section: <u>15</u>	Township: <u>4S</u> Range: <u>16E</u>

Initial Conditions:

Tubing - Rate: 51 Pressure: 475 psi
Casing/Tubing Annulus - Pressure: 1125 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1125</u>	<u>475</u>
5	<u>1125</u>	<u>"</u>
10	<u>1125</u>	<u>"</u>
15	<u>1125</u>	<u>"</u>
20	_____	_____
25	_____	_____
30	_____	_____

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 475 psi
Casing/Tubing Annulus Pressure: _____ psi

REMARKS:

Passed MIT.

Operator Representative

W. J. [Signature]
DOGM Witness

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
U-017985

6. If Indian, Allottee or Tribe Name
n/a

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other WIW

2. Name of Operator

Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone No.

P.O. Box 21017; Billings, MT 59104 (406) 259-7860

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW NE Section 15, T9S, R16E
1868' FNL, 1993' FEL

7. If Unit or CA, Agreement Designation

Jonah Unit

8. Well Name and No.

Balcron Monument Federal #32-15

9. API Well No.

43-013-31368

10. Field and Pool, or Exploratory Area

Monument Butte/Green River

11. County or Parish, State

Duchesne County, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☒ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well has been converted to water injection in accordance with permit approval. Refer to the attached workover procedure, well report, and injection well completion diagram for details of the conversion.

14. I hereby certify that the foregoing is true and correct

Signed Bobbie Schuman

Regulatory and
Title Environmental Specialist

Date January 13, 1995

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Balcron Monument Federal #32-15J
Jonah Unit/Monument Butte Field
Lease No. U-017985
SW NE Section 15, T9S, R16E
Duchesne County, Utah

WELL HISTORY REPORT

Date

Work Description

Conversion of well to water injection.

10-3-94	- MIRU Cannon Well Service, TOO H w/rods,pump, & tbg.
10-13-94	- RIH w/bit & scrapper to TD. - RIH w/ 2 7/8" injection tbg & Arrow Set-1 packer.
10-14-94	- Pump 55 gals Champion Cortron #23-83 corrosion inhibitor mixed w/ 60 STBW down csg. - Set packer @ 4611' KB, NU wellhead, pressure test csg annulus to 1000 psig. no loss, RDMO.
10-18-94	Perform MIT, pressure csg annulus to 1125 psig for 15 min., no loss, tbg @ 475 psig, Utah OG&M witness Dan Jarvis.
10-27-94	RU Alnigther Hot Oil Service, mix 5 gals Wsetern Claymaster & 10 gals 940 surfactant w/ 130 STB 2% KCl water, pump down tbg @ 180 deg.F., 1.25 STBPM @ 1350 psig, start water injection @ 100 STBPD.

Balron Monument Federal #32-15J
 SW NE Section 15, T9S, R16E
 1868'FNL & 1993' FEL
 Lease No. U-017985
 Jonah Unit/Monument Butte Field
 Duchesne County, Utah

BALCRON OIL
 1-12-95 JZ

Injection Well Completion Diagram

Elev.Gr @ 5681'
 Elev.KB @ 5691' (10' KB)

UTAH CAUSE NO.: UIC-152

SURFACE CASING

8-5/8", 24#, J-55
 Length @ 268.89'
 Hole size @ 12-1/4"
 Depth landed 276.69' KB
 Cemented w/150 sxs Class "G", 2%
 CaCl & 1/4#/sx Celloseal
 5 BBLS cement to pit.

PRODUCTION CASING

5-1/2", 15.5#, K-55
 Length @ 5608.14'
 Hole size @ 7-7/8"
 Depth landed @ 5612.14' KB
 Cemented w/113 sxs Hilit & tail
 w/249 sxs Class "G" w/additives
 TOC @ 3100' from CBL

TUBING/INJECTION STRING

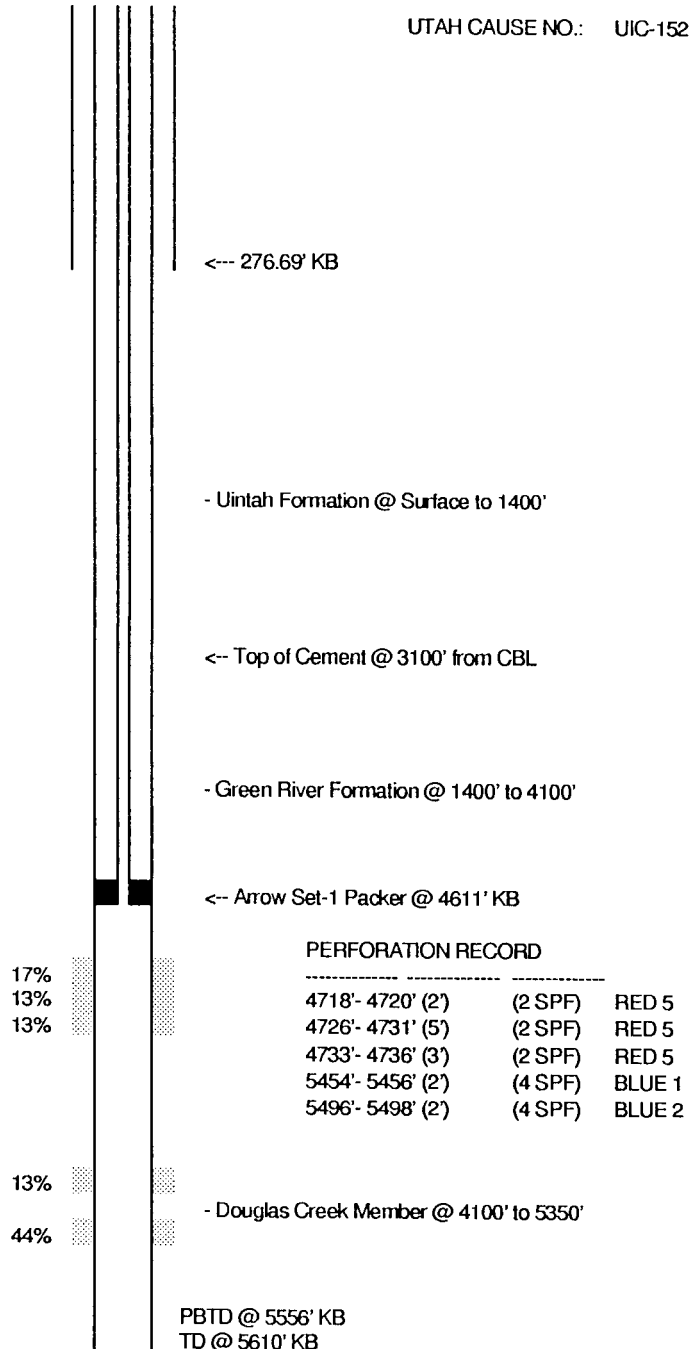
Injection Equipment & Size	Length FT.	Setting Depth FT.(w/10' KB)
KB	10.00	
1) 149 jnts 2 7/8" tbg	4592.73	4602.73
2) 2 7/8" SN (2.25" ID)	1.10	4603.83
3) 2 7/8"x 2 3/8" X-Over	0.60	4604.43
4) 5.5" Arrow Set-1 Pkr	6.20	4610.63
End of Tubing		4610.63

Injection Packers Set 10-13-94 By Mtn States.
 Arrow Set-1 Pkr 5 1/2"x 2 3/8"
 2 7/8" SN ID @ 2.25".
 Arrow Set-1 Pkr set w/ 16" Tension.
 Packer fluid - 55 gals Champion Cortron #23-83
 w/ 60 STBW.

Injection Horizons

4718'- 4720' (2')	RED 5
4726'- 4731' (5')	RED 5
4733'- 4736' (3')	RED 5
5454'- 5456' (2')	BLUE 1
5496'- 5498' (2')	BLUE 2

Tracer Survey ran 12-20-94.



BALCRON OIL

WELL REPORT

WELL NAME: Balcron Monument Federal #32-15J
 FIELD: Jonah Unit/Monument Butte Field
 FEDERAL LEASE NO.: U-017985
 LOCATION: SW NE Section 15, T9S, R16E
 1868'FNL & 1993' FEL
 COUNTY/STATE: Duchesne County, Utah
 WORKING INTEREST: 0.805079506
 PRODUCING FORMATION: Green River
 COMPLETION DATE: 11-20-93
 INITIAL PRODUCTION: 20 STBOPD, 120 MSCFPD, 0 STBWPD
 LAST PRODUCTION: 5 STBOPD, 20 MCFPD, 0 STBWPD
 PRESENT PROD STATUS: Water Injection Well
 Started Water Injection 11-11-94.
 CONVERSION TO INJ.: 10-13-94
 INJECTION RATE: 100 STBWPD
 ELEVATIONS - GROUND: 5681'
 TOTAL DEPTH: 5610' KB

DATE: 1-12-95 JZ
 API NO.: 43-013-31368
 UTAH CAUSE NO.: UIC-152
 NET REVENUE INT.: 0.73831617 Oil
 0.66359285 Gas
 SPUD DATE: 10-2-93
 RIG RELEASE DATE: 10-20-93
 OIL GRAVITY: 34 API
 BHT: 130 Deg.F
 LAST MIT DATE: 10-18-94
 960 psig for 15 min., no loss.
 KB: 5691' (10' KB)
 PLUG BACK TD: 5556' KB

SURFACE CASING

STRING: 1
 SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24 #
 LENGTH: 6 jnts @ 268.89'
 HOLE SIZE: 12-1/4"
 DEPTH LANDED: 276.69' KB
 CEMENT DATA: 150 sxs Class "G" w/2% CaCl
 & 1/4#/sxs Celloseal

PRODUCTION CASING

STRING: 1
 SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5 #
 LENGTH: 129 jnts @ 5608.14'
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5612.14' KB
 CEMENT DATA: 113 sxs Hilift & tail
 w/249 sxs Class "G" w/
 additives
 CEMENT TOP AT: 3100' from CBL

TUBING/INJECTION STRING

Injection Equipment & Size	Length FT.	Setting Depth FT.(w/10' KB)
KB	10.00	
1) 149 jnts 2 7/8" tbg	4592.73	4602.73
2) 2 7/8" SN (2.25" ID)	1.10	4603.83
3) 2 7/8"x 2 3/8" X-Over	0.60	4604.43
4) 5.5" Arrow Set-1 Pkr	6.20	4610.63
End of Tubing		4610.63

Injection Packers Set 10-13-94 By Mtn States.

Arrow Set-1 Pkr 5 1/2"x 2 3/8"
 2 7/8" SN ID @ 2.25".

Arrow Set-1 Pkr set w/ 16" Tension.

Packer fluid - 55 gals Champion Cortron #23-83 w/60 STBW.

Injection Horizons

4718'- 4720' (2')	RED 5
4726'- 4731' (5')	RED 5
4733'- 4736' (3')	RED 5
5454'- 5456' (2')	BLUE 1
5496'- 5498' (2')	BLUE 2

LOGS: Mud Log; Cement Bond/Gamma-Ray/CCL Log;
 Dual Laterolog Micro-SFL-GR, Litho-Density/
 Compensated Neutron Gamma Ray, Repeat Formation
 Tester Gamma Ray, FracView Log, Fullbore
 Formation Microimager (FMI) Log

PERFORATION RECORD

4718'- 4720' (2')	(2 SPF)	RED 5
4726'- 4731' (5')	(2 SPF)	RED 5
4733'- 4736' (3')	(2 SPF)	RED 5
5454'- 5456' (2')	(4 SPF)	BLUE 1
5496'- 5498' (2')	(4 SPF)	BLUE 2

ACID/BREAKDOWN JOBS

4718'-4736' KB -	10-28-93: Western w/80 bbls 2% KCL wtr. ATP 2700 psi, max 3300 psi. ATR 4 BPM, max 6.4 BPM. ISIP 1200 psi.
5454'-5456' KB -	10-27-93: Western w/250 gals 15% HCL. (Unable to break down perfs).
5496'-5498' KB -	10-26-93: Western w/2% KCl water. (Unable to break down perfs).

FRAC JOB

4718'-4736' KB -	10-28-93: Western w/28,000# 20/40 mesh sand w/14,070 gals 2% KCL gelled wtr. ATP 2100 psi, max 2450 psi. ATR 20 BPM, max 22 BPM. ISIP 1800 psi, 5 min 1540 psi, 10 min 1470 psi, 15 min 1440 psi.
------------------	---

CORE INFORMATION

Core #1: 4870'-4899' KB / Cut 29.3' Rec'd 29.3'
 Core #2: 5430'-5455' KB / Cut 25', Rec'd 21'
 Core #3: 5455'-5468' KB / Cut 13', Rec'd 13'
 Core #4: 5468'-5489' KB / Cut 21', Rec'd 14'
 Core #5: 5489'-5505' KB / Cut 16', Rec'd 15'
 Core #6: 5505'-5520' KB / Cut 15', Rec'd 11.2'

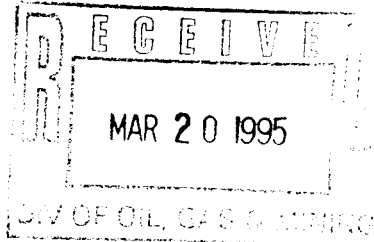


EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒



March 16, 1995

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, UT 84180

Dear Mr. Jarvis:

Attached are copies of the injection profile reports for our enhanced recovery wells in the Jonah Unit.

If you have any questions, please call John Zellitti at (406) 259-7860.

Sincerely,

Bobbie Schuman
Regulatory and Environmental Specialist

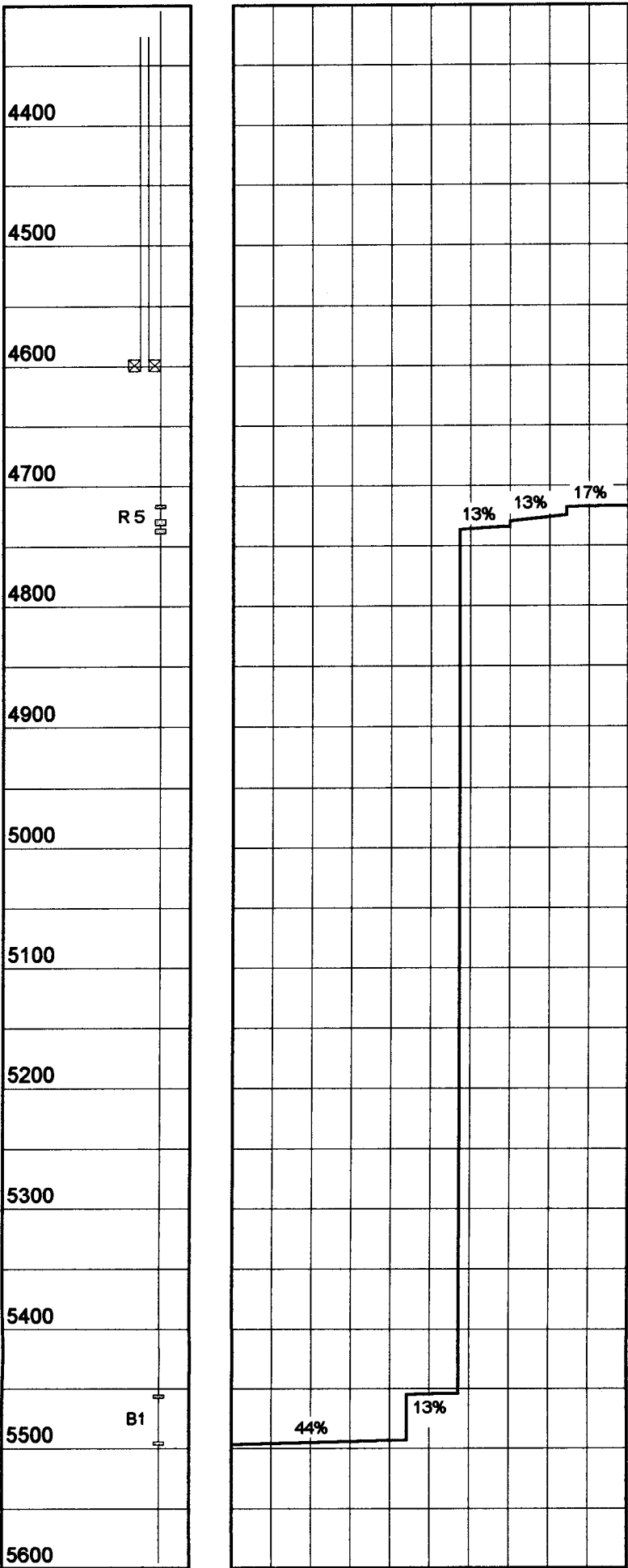
/hs

Attachments

EQUITABLE RESOURCES ENERGY COMPANY-BALCRON OIL DIVISION
INJECTION PROFILE

MONUMENT
FEDERAL 32-15J

Date: 12/20/94	Desired Rate: 100 B/D
Surface Temp: 47 F	Metered Rate: 100 B/D
BHT: 150 F	Measured Rate: 72 B/D
PBTD: 5556	Tbg Pressure: 1200 PSI
TD: 5558	Csg Pressure: 0 PSI



Remarks: R/A Tracer survey indicates exits as shown. Packer checks okay.
Service Company: Well Information Services, Inc.
Operator: Bart Williams

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
CROSS CREEK	43-037-20117	NAVAJO A #1	41S	26E	5	INJD	Y
CROSS CREEK	43-037-20164	NAVAJO A #3	41S	26E	5	INJI	Y
ENSERCH EXPL	43-013-31240	FEDERAL 43-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31269	FEDERAL 34-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31229	FEDERAL 14-3	08S	16E	33	INJW	N
ENSERCH EXPL	43-013-31225	FEDERAL 14-3	08S	16E	34	INJW	N
ENSERCH EXPL	43-013-31272	FEDERAL 21-4	09S	16E	4	INJW	N
ENSERCH EXPL	43-013-30670	FEDERAL 32-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-013-31205	FEDERAL 41-5	09S	16E	5	INJW	N
ENSERCH EXPL	43-047-32248	1-26B	09S	19E	26	INJG	N
ENSERCH EXPL	43-013-30913	44-5H	09S	17E	5	INJW	N
ENSERCH EXPL	43-013-30678	42-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31457	22-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-30679	31-8H	09S	17E	8	INJW	N
ENSERCH EXPL	43-013-31049	22-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30682	24-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30887	11-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-31108	33-9H	09S	17E	9	INJW	N
ENSERCH EXPL	43-013-30656	13-9H	09S	17E	9	INJW	N
EQUITABLE RE	43-013-31362	FEDERAL 11-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31361	FEDERAL 33-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31363	FEDERAL 24-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-31364	FEDERAL 42-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30919	FEDERAL 22-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-15779	FEDERAL 1-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-013-30918	FEDERAL 13-6	09S	17E	6	INJW	Y
EQUITABLE RE	43-047-15681	PARIETTE BEN	09S	19E	7	INJD	Y
EQUITABLE RE	43-013-31404	42-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-31415	44-1J	09S	16E	1	INJW	Y
EQUITABLE RE	43-013-30702	FEDERAL 1-13	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30735	FEDERAL 1-33	09S	16E	1	INJW	N
EQUITABLE RE	43-013-30701	1-24	09S	16E	1	INJW	N
EQUITABLE RE	43-013-31384	22-5	09S	16E	5	INJW 17E	Y
EQUITABLE RE	43-013-31416	34-10J	09S	16E	10	INJW	N
EQUITABLE RE	43-013-31002	43-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31369	23-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31417	12-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31386	32-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31003	FEDERAL 34-1	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31374	14-11J	09S	16E	11	INJW	N
EQUITABLE RE	43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31411	14-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-30742	GOVT C&O #4	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31419	32-12J	09S	16E	12	INJW	N
EQUITABLE RE	43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE	43-013-31492	11-7J	9S	17E	7	INJW	N



EQUITABLE RESOURCES
ENERGY COMPANY

BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

APR 4 1996

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

April 1, 1996

Mr. Dan Jarvis
Utah Division of Oil, Gas and Mining
UIC Program
355 West North Temple
Salt Lake City, UT 84180

Dear Dan:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a listing of permits which we have with your Agency. This change will apply to those. If you note that I have missed some or if you have any questions, please do not hesitate to give me a call at (406) 259-7860, extension 240 to discuss this.

This change affects only our company name. The physical locations of our offices and the personnel remain the same.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

UTAH UIC PERMITS

Balcron Oil Monument Butte Jonah Unit Waterflood (new name)	
Formerly Monument Butte Area-A Waterflood Approved 12/22/92	
Area Permit No. UT2642-00000	
Allen Federal #22-6	UT2642-03729 (AREA PERMIT UT2642-00000)
Allen Federal #13-6	UT2642-03730 (AREA PERMIT UT2642-00000)
Allen Federal #31-6	UT2642-03731 (AREA PERMIT UT2642-00000) (State #UIC-142)
Allen Federal #1-6	UT2642-03732 (AREA PERMIT UT2642-00000)
Allen Federal #1A-5	UT2642-03733 (AREA PERMIT UT2642-00000)
	NOTE: Never converted to UIC - put back on production
Balcron Monument Fed. #11-6	UT2642-03734 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #24-6	UT2642-03735 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #33-6	UT2642-03736 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #42-6	UT2642-03737 (AREA PERMIT UT2642-00000)
Balcron Monument Fed. #13-5J	UT2642-04208 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #22-5J	UT2642-04209 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #24-5	UT2642-04210 (AREA PERMIT UT2642-00000) (State #UIC-149)
Balcron Monument Fed. #31-7J	UT2642-04211 (AREA PERMIT UT2642-00000) (State #UIC-149)
Monument Butte #1-33	State #UIC-151
Monument Butte #1-24	State #UIC-151
Monument Butte #1-13	State #UIC-151
Balcron Monument Fed. #42-1J	State #UIC-151
Getty #12-1	State #UIC-151
Balcron Monument Fed. #41-15	State #UIC-152
Balcron Monument Fed. #32-15	State #UIC-152
Balcron Monument Fed. #23-15	State #UIC-152
Balcron Monument Fed. #41-14J	State #UIC-152
Balcron Monument Fed. #21-14J	State #UIC-152
Balcron Monument Fed. #32-12J	State #UIC-152
C & O Gov't #4	State #UIC-152
Balcron Monument Fed. #14-12J	State #UIC-152
Balcron Monument Fed. #12-12J	State #UIC-152
Balcron Monument Fed. #43-11J	State #UIC-152
Balcron Monument Fed. #32-11	State #UIC-152



EQUITABLE RESOURCES
ENERGY COMPANY

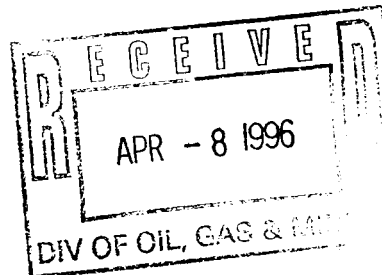
BALCRON OIL DIVISION

1601 Lewis Avenue
Billings, MT 59102

Office: (406) 259-7860
FAX: (406) 245-1365 ☐
FAX: (406) 245-1361 ☒

March 22, 1996

Utah Division of Oil, Gas and Mining
355 West North Temple
Salt Lake City, UT 84180



Gentlemen:

Effective April 1, 1996, our name will change from Equitable Resources Energy Company, Balcron Oil Division to Equitable Resources Energy Company. Attached is a sundry notice reflecting that change. To simplify paperwork, I have done one sundry notice with copies for each of the wells. To this letter I have attached a list of our wells for your ease in filing the sundry notices in the well files. This should be sufficient for your purposes.

I have the listings on a spreadsheet so if it would be easier for you to have them sorted differently (for example, the Montana Board of Oil and Gas prefers them sorted by API number), please give me a call at (406) 259-7860, extension 240 and I would be glad to provide a list to your specifications.

This change affects only our company name. The physical locations of our offices and the personnel remain the same. We will be changing our well signs and ask for your patience and cooperation as this will be done as soon as possible but may take some time since we do have so many properties at which to make the change.

If you have any questions, please do not hesitate to give me a call.

Sincerely,

Bobbie Schuman
Bobbie Schuman
Regulatory and
Environmental Specialist

/hs

Enclosures

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☐ GAS ☐ OTHER: See attached listing

2. Name of Operator:
Equitable Resources Energy Company, Balcron Oil Division

3. Address and Telephone Number:
1601 Lewis Avenue Avenue; Billings, MT 59102 (406) 259-7860

4. Location of Well
Footages: See attached listing

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:
See attached listing

6. If Indian, Allottee or Tribe Name:
n/a

7. Unit Agreement Name:
See attached listing

8. Well Name and Number:
See attached listing

9. API Well Number:
See attached listing

10. Field and Pool, or Wildcat:
See attached listing

County: See attached list

State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Operator name change</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective April 1, 1996, operator will change its name from Equitable Resources Energy Company, Balcron Oil Division TO: Equitable Resources Energy Company. Physical location of the operator remains as: 1601 Lewis Avenue; Billings, MT 59102 (406) 259-7860, FAX: (406) 145-1361. This is to report the operator name change only. It affects the wells on the attached listing.

13. Name & Signature: Bobbie Schuman
Bobbie Schuman

Regulatory and
Title: Environmental Specialist Date: March 27, 1996

(This space for State use only)

UTAH

Balcron Monument Fed. #14-12J	Monument Butte	SW SW	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521-A	43-013-31411	660' FSL, 660' FWL	Vernal	Jonah
Balcron Monument Fed. #14-15	Monument Butte	SW SW	15	9S	16E	Duchesne	UT	PND	Green River	U-017985	43-013-31381	772' FSL, 543' FWL	Vernal	
Balcron Monument Fed. #14-26	Monument Butte	SW SW	26	8S	16E	Duchesne	UT	PND	Green River	U-34346	43-013-31512	660' FSL, 660' FWL	Vernal	
Balcron Monument Fed. #14-3-9-17Y	Monument Butte	SW SW	3	9S	17E	Duchesne	UT	Oil	Green River	U-64381	43-013-31535	671' FSL, 792' FWL	Vernal	
Balcron Monument Fed. #14-4	Monument Butte	SW SW	4	9S	16E	Duchesne	UT	PND	Green River	U-73086	43-013-31430	719' FSL, 607' FWL	Vernal	
Balcron Monument Fed. #14-5	Monument Butte	SW SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020250	43-013-31385	556' FSL, 517' FWL	Vernal	Jonah
Balcron Monument Fed. #14-8	Monument Butte	SW SW	8	9S	17E	Duchesne	UT	Oil	Green River	UTU-74108	43-013-31398	660' FSL, 660' FWL	Vernal	Beluga
Balcron Monument Fed. #21-10-9-17Y	Monument Butte	NE NW	10	9S	17E	Duchesne	UT	Oil	Green River	U-65210	43-013-31537	807' FNL, 2120' FWL	Vernal	
Balcron Monument Fed. #21-14J	Monument Butte	NE NW	14	9S	16E	Duchesne	UT	WIW	Green River	U-096547	43-013-31421	518' FNL, 1850' FWL	Vernal	Jonah
Balcron Monument Fed. #21-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	U-3563-A	43-013-31387	500' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #21-25	Undesignated	NE NW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32528	748' FNL, 1964' FWL	Vernal	
Balcron Monument Fed. #22-12J	Monument Butte	SE NW	12	9S	16E	Duchesne	UT	Oil	Green River	U-096550	43-013-15796	2018' FNL, 2099' FWL	Vernal	Jonah
Balcron Monument Fed. #22-14J	Monument Butte	SE NW	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31489	2134' FNL, 2198' FWL	Vernal	Jonah
Balcron Monument Fed. #22-17	Monument Butte	SE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31429	1800' FNL, 1980' FWL	Vernal	Beluga
Balcron Monument Fed. #22-20-9-18Y	Monument Butte	SE NW	20	9S	18E	Uintah	UT	Oil	Green River	U-64917	43-047-32711	1980' FNL, 1980' FWL	Vernal	
Balcron Monument Fed. #22-22-8-17Y	Monument Butte	SE NW	22	8S	17E	Duchesne	UT	Oil	Green River	U-67845	43-013-31538	1945' FNL, 2030' FWL	Vernal	
Balcron Monument Fed. #22-5	Monument Butte	SE NW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31384	1853' FNL, 1980' FWL	Vernal	Jonah
Balcron Monument Fed. #23-11	Monument Butte	NE SW	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31369	1787' FSL, 2147' FWL	Vernal	Jonah
Balcron Monument Fed. #23-15	Monument Butte	NE SW	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31373	1724' FSL, 2078' FWL	Vernal	Jonah
Balcron Monument Fed. #23-24-8-17		NE SW	24	8S	17E	Uintah	UT	PND	Green River				Vernal	
Balcron Monument Fed. #23-25	Undesignated	NE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32529	1927' FSL, 2139' FWL	Vernal	
Balcron Monument Fed. #23-5	Monument Butte	NE SW	5	9S	17E	Duchesne	UT	Oil	Green River	U-020252	43-013-31383	1816' FSL, 2057' FWL	Vernal	Jonah
Balcron Monument Fed. #24-12J	Monument Butte	SE SW	12	9S	16E	Duchesne	UT	Oil	Green River	U-035521-A	43-013-31409	539' FSL, 1777' FWL	Vernal	Jonah
Balcron Monument Fed. #24-25	Undesignated	SE SW	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32669	653' FSL, 2028' FWL	Vernal	
Balcron Monument Fed. #24-5	Monument Butte	SE SW	5	9S	17E	Duchesne	UT	WIW	Green River	U-020252	43-013-31375	765' FSL, 2243' FWL	Vernal	Jonah
Balcron Monument Fed. #24-6	Monument Butte	SE SW	6	9S	17E	Duchesne	UT	WIW	Green River	U-020252-A	43-013-31363	504' FSL, 1613' FWL	Vernal	Jonah
Balcron Monument Fed. #31-17	Monument Butte	NE NW	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31428	660' FNL, 1980' FEL	Vernal	Beluga
Balcron Monument Fed. #31-1J	Monument Butte	NW NE	1	9S	16E	Duchesne	UT	Oil	Green River	U-33992	43-013-31413	660' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #31-25	Undesignated	NW NE	25	8S	17E	Uintah	UT	Oil	Green River	U-67845	43-047-32530	660' FNL, 1980' FEL	Vernal	
Balcron Monument Fed. #31-7J	Monument Butte	NW NE	7	9S	17E	Duchesne	UT	WIW	Green River	U-44426	43-013-31405	831' FNL, 1782' FEL	Vernal	Jonah
Balcron Monument Fed. #32-11	Monument Butte	SW NE	11	9S	16E	Duchesne	UT	WIW	Green River	U-096550	43-013-31386	2059' FNL, 1763' FEL	Vernal	Jonah
Balcron Monument Fed. #32-12J	Monument Butte	SW NE	12	9S	16E	Duchesne	UT	WIW	Green River	U-035521	43-013-31419	1805' FNL, 2139' FEL	Vernal	Jonah
Balcron Monument Fed. #32-14J	Monument Butte	SW NE	14	9S	16E	Duchesne	UT	PND	Green River	U-096547	43-013-31490	1980' FNL, 1980' FEL	Vernal	Jonah
Balcron Monument Fed. #32-15	Monument Butte	SW NE	15	9S	16E	Duchesne	UT	WIW	Green River	U-017985	43-013-31368	1868' FNL, 1993' FEL	Vernal	Jonah
Balcron Monument Fed. #32-17	Monument Butte	SW NE	17	9S	17E	Duchesne	UT	Oil	Green River	UTU-72106	43-013-31465	1880' FNL, 1980' FEL	Vernal	Beluga

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	DEP 7-SJ	✓
2	DEP 58-FILE	✓
3	VLD (GIL)	✓
4	RJE	✓
5	IF	✓
6	FTM	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ~~Change of Operator Name~~

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 4-1-96)

TO (new operator)	EQUITABLE RESOURCES ENERGY COEROM (former operator)	EQUITABLE RESOURCES ENERGY CO
(address)	<u>1601 LEWIS AVE</u>	(address) <u>BALCRON OIL DIVISION</u>
	<u>BILLINGS MT 59102-4126</u>	<u>1601 LEWIS AVE</u>
		<u>BILLINGS MT 59102-4126</u>
	phone (406) <u>259-7860</u>	phone (406) <u>259-7860</u>
	account no. <u>N9890</u>	account no. <u>N9890</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>D13-31368</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 4-4-96 & 4-8-96)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- * 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Yes 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) ~~for each well listed above.~~ (4-10-96)
- Yes 6. Cardex file has been updated for each well listed above. (4-11-96)
- Yes 7. Well file labels have been updated for each well listed above. (4-11-96)
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (4-10-96)
- Yes 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

5578314 (\$80,000) Scheco Ins. Co. (Bond Rider In Progress)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 4/26/96
- DTS 2. Copies of documents have been sent to State Lands for changes involving State leases.
Sent to Ed Boucher - Trust Lands

FILMING

- N/A 1. All attachments to this form have been microfilmed. Date: May 20 1996.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

9/6/96 BLM/BIA "Formal approval not necessary"

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
*****	*****	*****	***	***	**	*****	*****
EQUITABLE RE	✓43-013-31410	12-12J	09S	16E	12	INJW	N
EQUITABLE RE	✓43-013-31408	41-14J	09S	16E	14	INJW	N
EQUITABLE RE	✓43-013-31421	21-14J	09S	16E	14	INJW	N
EQUITABLE RE	✓43-013-31373	23-15J	09S	16E	15	INJW	N
EQUITABLE RE	✓43-013-31368	32-15J	09S	16E	15	INJW	N
EQUITABLE RE	✓43-013-31367	41-15J	09S	16E	15	INJW	N
EQUITABLE RE	✓43-013-31370	FEDERAL 13-5	09S	17E	5	INJW	Y
EQUITABLE RE	✓43-013-31375	24-5	09S	17E	5	INJW	Y
EQUITABLE RE	✓43-013-31384	22-5	09S	17E	5	INJW	Y
EQUITABLE RE	✓43-013-31195	ALLEN FEDERA	09S	17E	6	INJW	N
EQUITABLE RE	✓43-013-31492	11-7J	09S	17E	7	INJW	Y
EQUITABLE RE	✓43-013-31405	31-7J	09S	17E	7	INJW	Y
EQUITABLE RE	43-047-20252	E. RED WASH	08S	25E	5	INJW	N
EQUITABLE RE	43-047-20261	ERW 4-6	08S	25E	6	INJW	Y
EQUITABLE RE	43-047-32346	42-6X	08S	25E	6	INJW	N
EQUITABLE RE	43-047-20245	AMERADA GUIN	08S	25E	7	INJW	Y
EQUITABLE RE	43-013-30666	44-7	09S	17E	7	INJW	Y
EQUITABLE RE	43-013-31382	13-8	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-31427	33-8	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-30675	24-8	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-30643	44-8-17B	09S	17E	8	INJW	Y
EQUITABLE RE	43-013-31580	13-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	43-013-30616	11-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	43-013-31145	22-16-9-17B	09S	17E	16	INJW	Y
EQUITABLE RE	43-013-30518	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30499	POMCO 5	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-30516	11-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31428	31-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31581	33-17-9-17B	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31429	22-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-013-31467	42-17	09S	17E	17	INJW	Y
EQUITABLE RE	43-047-32610	22-2	09S	17E	2	INJW	Y
EQUITABLE RE	43-013-31425	14-2	09S	17E	2	INJW	Y
GIANT EXPLOR	43-037-15042	GOTHIC MESA	41S	23E	16	INJD	Y
GIANT EXPLOR	43-037-20292	SENTINEL PEA	41S	26E	27	INJD	Y
GIANT EXPLOR	43-037-16452	9-24	41S	23E	9	INJI	Y
HAY HOT OIL	43-037-30521	MCCRACKEN PT	40S	23E	19	INJI	N
INLAND PRODU	43-013-30843	MONUMENT BUT	08S	16E	34	INJW	Y
INLAND PRODU	43-013-31559	15-25	08S	16E	25	INJW	N
INLAND PRODU	43-013-30693	FEDERAL 3-33	08S	16E	33	INJW	N
INLAND PRODU	43-013-30808	FED 1-34	08S	16E	34	INJW	N
INLAND PRODU	43-013-30686	FEDERAL 5-35	08S	16E	35	INJW	N
INLAND PRODU	43-013-30606	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30745	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31514	1A-35	08S	16E	35	INJW	Y
INLAND PRODU	43-013-30605	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-31264	MONUMENT FED	08S	16E	35	INJW	N
INLAND PRODU	43-013-30608	MONUMENT BUT	08S	16E	35	INJW	N
INLAND PRODU	43-013-30624	STATE 5-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30592	STATE 1-36	08S	16E	36	INJW	N
INLAND PRODU	43-013-30787	12-32	08S	17E	32	INJW	Y
INLAND PRODU	43-013-30779	FED 15-28	08S	16E	28	INJW	N
INLAND PRODU	43-013-31372	14A-28	08S	16E	28	INJW	N

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

Inland Production Company

3. Address and Telephone Number:

475 - 17th Street, Suite 1500, Denver, CO 80202

4. Location of Well

Footages:

See Attached Exhibit

QQ, Sec., T., R., M.:

5. Lease Designation and Serial Number:

See Attached

6. If Indian, Allottee or Tribe Name:

n/a

7. Unit Agreement Name:

See Attached

8. Well Name and Number:

See Attached

9. API Well Number:

See Attached

10. Field and Pool, or Wildcat:

See Attached

County:

State:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion 9-30-97

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective September 30, 1997, Inland Production Company will take over operations of the wells on the attached list. The previous operator was :

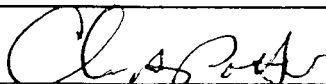
Equitable Resources Energy Company
1601 Lewis Avenue
Billings, MT 59102

Effective September 30, 1997, Inland Production Company is responsible under the terms and conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

OCT 1 1997

13.

Name & Signature:



CHRIS A. POTTER, ATTORNEY-IN-FACT

Date:

9/30/97

(This space for State use only)

RECEIVED

OCT 10 1997

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

RECEIVED

OCT 13 1997

Well name and number: See Attached ****JONAH (GREEN RIVER) UNIT**

Field or Unit name: See Attached API no. See Attached

Well location: QQ See Attached section See Attached township See Attached range See Attached county See Attached

Effective Date of Transfer: September 30, 1997

CURRENT OPERATOR

Transfer approved by:

Name David M. McCoskery Company Equitable Resources Energy Co.

Signature [Signature] Address 1601 Lewis Avenue

Title Director of Operations & Engineering Billings, MT 59102

Date 9-30-97 Phone (406) 259-7860

Comments:

NEW OPERATOR

Transfer approved by:

Name Chris A. Potter Company Inland Production Company

Signature [Signature] Address 475 - 17th Street, Suite 1500

Title CHRIS A. POTTER, ATTORNEY-IN-FACT Denver, CO 80202

Date 9-30-97 Phone (303) 292-0900

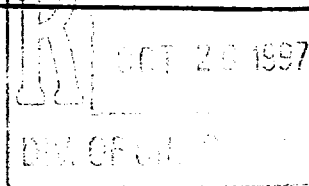
Comments:

(State use only)

Transfer approved by [Signature] Title Environ. Manager

Approval Date 1-20-98

CAUSE # 228-2



Injection wells

Injection Wells for Inland Change of Operator							
WELL NAME	LOCATION	COUNTY	ST	FIELD NAME	API NUMBER	LEASE NO.	AGREEMENT NO.
✓ AMERADA GUINAND #1	SWNW 7 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20245-00	UTU016271V	UTU72085A
✓ COYOTE BASIN #42-6X	SENE 6 8S 25E	UINTA	UT	COYOTE BASIN	43-047-32346-00	UTU017439B	UTU72085A
✓ EAST RED WASH FED. #4-6	SWSE 6 8S 25E	UINTAH	UT	COYOTE BASIN	43-047-20261-00	UTU020309D	UTU72085A
✓ EAST RED WASH #2-5	NWNW 5 8S 25E	UINTA	UT	COYOTE BASIN	43-047-20252-00	UTU063597A	UTU72085A
✓ ALLEN FEDERAL #1	SESE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-15779-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #13-6	NWSW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30918-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #22-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30919-00	UTU020252A	UTU72086A
✓ ALLEN FEDERAL #31-6	LOT2 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31195-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #11-6	NWNW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31362-00	UTU020252A	UTU72086A
✓ MONUMENT FEDERAL #11-7J	NW NW 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31492-00	UTU44426	UTU72086A
✓ MONUMENT BUTTE #13-5	NWSW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31370-00		UTU72086A
✓ MONUMENT BUTTE #22-5	SENE 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31384-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE #24-5	SESW 5 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31375-00	UTU020252	UTU72086A
✓ MONUMENT BUTTE FED. #24-6	SESW 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31363-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE #31-7	NWNE 7 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31405-00	UTU72106	UTU72086A
✓ MONUMENT BUTTE FED. #33-6	NWSE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31361-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #42-6	SENE 6 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31364-00	UTU020252A	UTU72086A
✓ MONUMENT BUTTE FED. #12-11	SWNW 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31417-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #14-11	SWSW 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31374-00	UTU096547	UTU72086A
✓ MONUMENT BUTTE #12-12	SWNW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31410-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #14-12	SWSW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31411-00		UTU72086A
✓ MONUMENT BUTTE #21-14	NENW 14 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31421-00		UTU72086A
✓ MONUMENT BUTTE #23-11	NESW 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31369-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #23-15	NESW 15 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31373-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE #32-11	SWNE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31386-00		UTU72086A
✓ MONUMENT BUTTE #32-12	SWNE 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31419-00		UTU72086A
✓ MONUMENT BUTTE #41-14	NENE 14 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31408-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE #43-11	NESE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31002-00	UTU096550	UTU72086A
✓ MONUMENT BUTTE FED. #32-15	SWNE 15 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31368-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #34-10	SWSE 10 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31416-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #41-15	NENE 15 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31367-00	UTU017985	UTU72086A
✓ MONUMENT BUTTE FED. #42-1	SENE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31404-00	UTU40652	UTU72086A
✓ MONUMENT BUTTE FED. #44-1J	SESE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31415-00	UTU44426	UTU72086A
✓ C&O GOV'T #4	NESW 12 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30742-00	UTU035521A	UTU72086A
✓ MONUMENT BUTTE FED. #1-13	NWSW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30702-00	UTU18399	UTU72086A
✓ MONUMENT BUTTE FED. #1-33	NWSE 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30735-00	UTU52013	UTU72086A
✓ MONUMENT BUTTE #1-24	SESW 1 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-30701-00	UTU18399	UTU72086A
✓ WALTON FEDERAL #34-11	SWSE 11 9S 16E	DUCHESNE	UT	MONUMENT BUTTE (J)	43-013-31003-00	UTU096550	UTU72086A
✓ MONUMENT STATE #11-2-9-17CD	NW NW 2 9S 17E	DUCHESNE	UT	MONUMENT BUTTE (CD)	43-013-42685	ML 45555	

11422

11426

11438
11431



EQUITABLE RESOURCES ENERGY COMPANY

WESTERN REGION

(406) 259-7860 Telephone

(406) 245-1361 Fax

December 10, 1997

Lisha
State of Utah
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

Dear Lisha:

RE: Equitable Sale of Utah Properties

Effective September 30, 1997, Equitable Resources Energy Company sold all of its Utah properties to Inland Production Company.

Please feel free to contact me if you require additional information.

Sincerely,

Molly Conrad
Agent for Equitable Resources
Energy Company

/mc



Crazy Mountain Oil & Gas Services
P.O. Box 577
Laurel, MT 59044
(406) 628-4164
(406) 628-4165

TO: Lisha
St of Utah.

FROM. Molly Conrad
Crazy Mountain Oil & Gas Services
(406) 628-4164

Pages Attached - Including Cover Sheet 2.

NOTE:

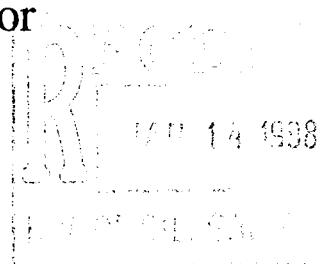
Here is the letter you requested.
Call if you need anything
further.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
UT-931

January 13, 1998

Inland Production Company
475 17th Street, Suite 1500
Denver, Colorado 80202

Re: Jonah (Green River) Unit
Duchesne County, Utah

Gentlemen:

On January 13, 1998, we received an indenture dated November 17, 1997, whereby Equitable Resources Energy Company resigned as Unit Operator and Inland Production Company was designated as Successor Unit Operator for the Jonah (Green River) Unit, Duchesne County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective January 13, 1998. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Jonah (Green River) Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0056 will be used to cover all operations within the Jonah (Green River) Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: District Manager - Vernal (w/enclosure)
~~Division of Oil, Gas & Mining~~
Minerals Adjudication Group U-932
File - Jonah (Green River) Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-931:TAThompson:tt:1/13/98

WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM UTU72086A JONAH (GR) SECONDARY RECOVERY UNIT									
UTU72086A	430131511100S1	1	NWSW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578000S1	1	NWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131577900S1	1	SESE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131578900S1	1	SESW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430131579200S1	1	SESE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133070200S1	1-13	NWSW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070300S1	1-14	SWSW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133064600S1	1-23	NESW	1	9S	16E	POW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133070100S1	1-24	SESW	1	9S	16E	WIW	UTU18399	EQUITABLE RESOURCES ENERG
UTU72086A	430133073500S1	1-33	NWSE	1	9S	16E	WIW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073600S1	1-34	SWSE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133073400S1	1-43	NESE	1	9S	16E	POW	UTU52013	EQUITABLE RESOURCES ENERG
UTU72086A	430133136200S1	11-6	L4	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149200S1	11-7J	NWNW	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133088900S1	12-1	NWNE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133141700S1	12-11J	SWNW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141000S1	12-12J	SWNW	12	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133061100S1	12-5	SWNW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058200S1	12-6	SWNW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133149300S1	12-7J	SWNW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430131579000S1	13-11J	NWSW	11	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133137000S1	13-5	NWSW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091800S1	13-6	NWSW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133137400S1	14-11	SWSW	11	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133141100S1	14-12J	SWSW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133138500S1	14-5	SWSW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430131511200S1	2	NWSE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430131579300S1	2	NWNE	14	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133060300S1	2-1	L1	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133140600X1	21-12J	NENW	12	9S	16E	ABD	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133142100S1	21-14J	NENW	14	9S	16E	WIW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133142200X1	21-15J	NENW	15	9S	16E	ABD	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133061200S1	21-5	NENW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058400S1	21-6	L3	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579600S2	22-12J	SESW	12	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063400S1	22-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138400S1	22-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133091900S1	22-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133136900S1	23-11	NESW	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133137300S1	23-15	NESW	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133138300S1	23-5	NESW	5	9S	17E	POW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133058800S1	23-6	NESW	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140900S1	24-12J	SESW	12	9S	16E	POW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063100S1	24-15	SESW	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133137500S1	24-5	SESW	5	9S	17E	WIW	UTU020252	EQUITABLE RESOURCES ENERG
UTU72086A	430133136300S1	24-6	SESW	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579100S1	3	NWNW	14	9S	16E	POW	UTU096547	EQUITABLE RESOURCES ENERG
UTU72086A	430133061300S1	31-15	NWNE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG

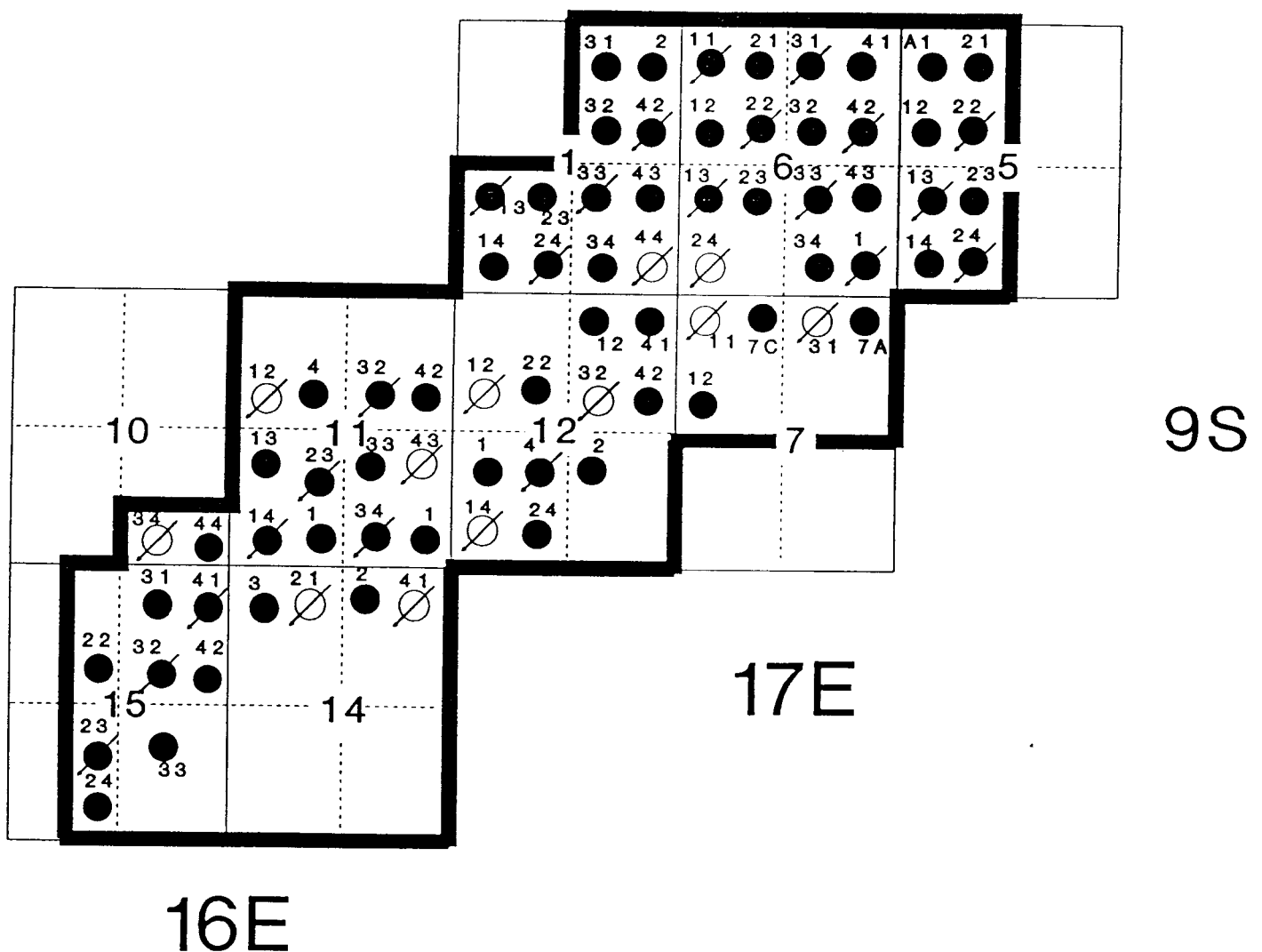
WELL STATUS REPORTS
UTAH STATE OFFICE

INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
UTU72086A	430133141300S1	31-1J	L2	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133119500S1	31-6	L2	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133140500S1	31-7J	NWNE	7	9S	17E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133138600S1	32-11	SWNE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133141900S1	32-12J	SWNE	12	9S	16E	WIW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133136800S1	32-15	SWNE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141400S1	32-1J	SWNE	1	9S	16E	POW	UTU33992	EQUITABLE RESOURCES ENERG
UTU72086A	430133055900S1	32-6	SWNE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133145100S1	33-11J	NWSE	11	9S	16E	OSI	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133063200S1	33-15	NWSE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133136100S1	33-6	NWSE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133141600S1	34-10J	SWSE	10	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133100300S1	34-11	SWSE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058600S1	34-6	SWSE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133074200S1	4	NESW	12	9S	16E	WIW	UTU035521A	EQUITABLE RESOURCES ENERG
UTU72086A	430131579500S1	4	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148700S1	41-12J	NENE	12	9S	16E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133140800S1	41-14J	NENE	14	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133136700S1	41-15	NENE	15	9S	16E	WIW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133058100S1	41-6	NENE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133006600S1	42-11J	SENE	11	9S	16E	POW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133148600S1	42-12J	SENE	12	9S	16E	POW	UTU035521	EQUITABLE RESOURCES ENERG
UTU72086A	430133063300S1	42-15	SENE	15	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133140400S1	42-1J	SENE	1	9S	16E	WIW	UTU40652	EQUITABLE RESOURCES ENERG
UTU72086A	430133136400S1	42-6	SENE	6	9S	17E	WIW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133100200S1	43-11J	NESE	11	9S	16E	WIW	UTU096550	EQUITABLE RESOURCES ENERG
UTU72086A	430133058300S1	43-6	NESE	6	9S	17E	POW	UTU020252A	EQUITABLE RESOURCES ENERG
UTU72086A	430133063000S1	44-10	SESE	10	9S	16E	POW	UTU017985	EQUITABLE RESOURCES ENERG
UTU72086A	430133141500S1	44-1J	SESE	1	9S	16E	WIW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133092600S1	7-A	NENE	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG
UTU72086A	430133096100S1	7-C	NENW	7	9S	17E	POW	UTU44426	EQUITABLE RESOURCES ENERG

JONAH (GREEN RIVER) UNIT

DUCHESNE COUNTY, UTAH

EFFECTIVE: JULY 1, 1993



— UNIT OUTLINE (UTU72086A)

4,221.61 ACRES

SECONDARY
ALLOCATION
FEDERAL 100.00%

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

1-IPC	6-VIC
2-CLH	7-KAS
3-DTS	8-SI
4-VLD	9-FILE
5-IBB	

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 9-30-97

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>EQUITABLE RESOURCES ENERGY</u>
(address)	<u>PO BOX 1446</u>	(address)	<u>PO BOX 577</u>
	<u>ROOSEVELT UT 84066</u>		<u>LAUREL MT 59044</u>
			<u>C/O CRAZY MTN O&G SVS</u>
Phone:	<u>(801) 722-5103</u>	Phone:	<u>(406) 628-4164</u>
Account no.	<u>N5160</u>	Account no.	<u>N9890</u>

WELL(S) attach additional page if needed:

*JONAH (GREEN RIVER) UNIT

Name: **SEE ATTACHED**	API: <u>43-013-313128</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- Lec 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 12-10-97)
- Lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 10-13-97)
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: ____
- Lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- Lec 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. (1-14-98) * UIC/Que Hro Pro 1-14-98 & UIC/DBase 1-14-98.
- Lec 6. **Cardex** file has been updated for each well listed above.
- Lec 7. Well **file labels** have been updated for each well listed above.
- Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (1-14-98)
- Lec 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Y 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
Entity 11492 "Jonah (GP) Unit"
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A Y 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
2. A **copy of this form** has been placed in the new and former operator's bond files.
3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A Y 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- Y 1. All attachments to this form have been **microfilmed**. Today's date: 2.3.98.

FILING

1. **Copies** of all attachments to this form have been filed in each **well file**.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

980114 BLM/SL Aprv. eff. 1-13-98.

STATE OF UTAH
DIVISION OF OIL GAS AND MINING

INJECTION WELL - PRESSURE TEST

Well Name: <u>MONUMENT FED 32-15J</u>	API Number: <u>43-013-31368</u>
Qtr/Qtr: <u>SW/NE</u>	Section: <u>15</u> Township: <u>9S</u> Range: <u>16E</u>
Company Name: <u>INCAND PRODUCTION CO</u>	
Lease: State <u> </u> Fee <u> </u>	Federal <u>X</u> Indian <u> </u>
Inspector: <u>Henri L. Ayra</u>	Date: <u>07-26-00</u>

Initial Conditions:

Tubing - Rate: Pressure: 2200 psiCasing/Tubing Annulus - Pressure: 1060 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1060</u>	<u>2200 PSI</u>
5	<u>1060</u>	<u>2200 "</u>
10	<u>1060</u>	<u>2200 "</u>
15	<u>1063</u>	<u>2200 "</u>
20	<u>1063</u>	<u>2200 "</u>
25	<u>1064</u>	<u>2200 "</u>
30	<u>1065</u>	<u>2200 "</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 2200 psiCasing/Tubing Annulus Pressure: 1065 psi

COMMENTS: Test for 5 year rule. Injecting during test
@ 18,432 BPD @ 5006.96 T&TAC

Tested @ 8:30 AM

[Signature]
 Operator Representative

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-017985	
2. NAME OF OPERATOR INLAND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME N/A	
3. ADDRESS OF OPERATOR Route 3, Box 3630, Myton Utah 84052 (435-646-3721)		7. UNIT AGREEMENT NAME JONAH	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/NE 1868 FNL 1993 FEL		8. FARM OR LEASE NAME MONUMENT FEDERAL 32-15J	
14 API NUMBER 43-013-31368		9. WELL NO. MONUMENT FEDERAL 32-15J	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5681 GR		10. FIELD AND POOL, OR WILDCAT MONUMENT BUTTE	
12. COUNTY OR PARISH DUCHESNE		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/NE Section 15, T09S R16E	
13. STATE UT			

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>	(OTHER) 5-Year M.I.T.	<input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

A MIT was performed on the subject well to fulfill the 5 year requirement. Mr. Dennis Ingram of the State DOGM was notified of the intent to conduct an MIT on July 25, 2000. On July 26, 2000 the casing annulus was pressured to 1060 psi and maintained for 30 minutes with 5 lbs pressure increase to 1065. Mr. Ingram was able to witness and approved the test.

18 I hereby certify that the foregoing is true and correct

SIGNED <u>Jody Liddell</u>	TITLE <u>Production Foreman</u>	DATE <u>7/27/00</u>
----------------------------	---------------------------------	---------------------

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

COPY SENT TO OPERATOR
Date: 8-1-00
Initials: C.H.D.

* See Instructions On Reverse Side

**Approved by the
Utah Division of
Oil, Gas and Mining**
Date: 7/31/00
By: [Signature]

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Dennis Ingram Date 7/26/2000 Time 8:30 am pm

Test Conducted by: Joely Liddell

Others Present: _____

Well: Mon. Fed. 32-15J

Field: Monument Butte

Well Location: SW/NE Sec. 15-79S-R16E

API No: 43-013-31368

Time	Casing Pressure	
0 min	<u>1060</u>	psig
5	<u>1060</u>	psig
10	<u>1060</u>	psig
15	<u>1063</u>	psig
20	<u>1063</u>	psig
25	<u>1064</u>	psig
30 min	<u>1065</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 2200 psig Injecting 18.432 BPD

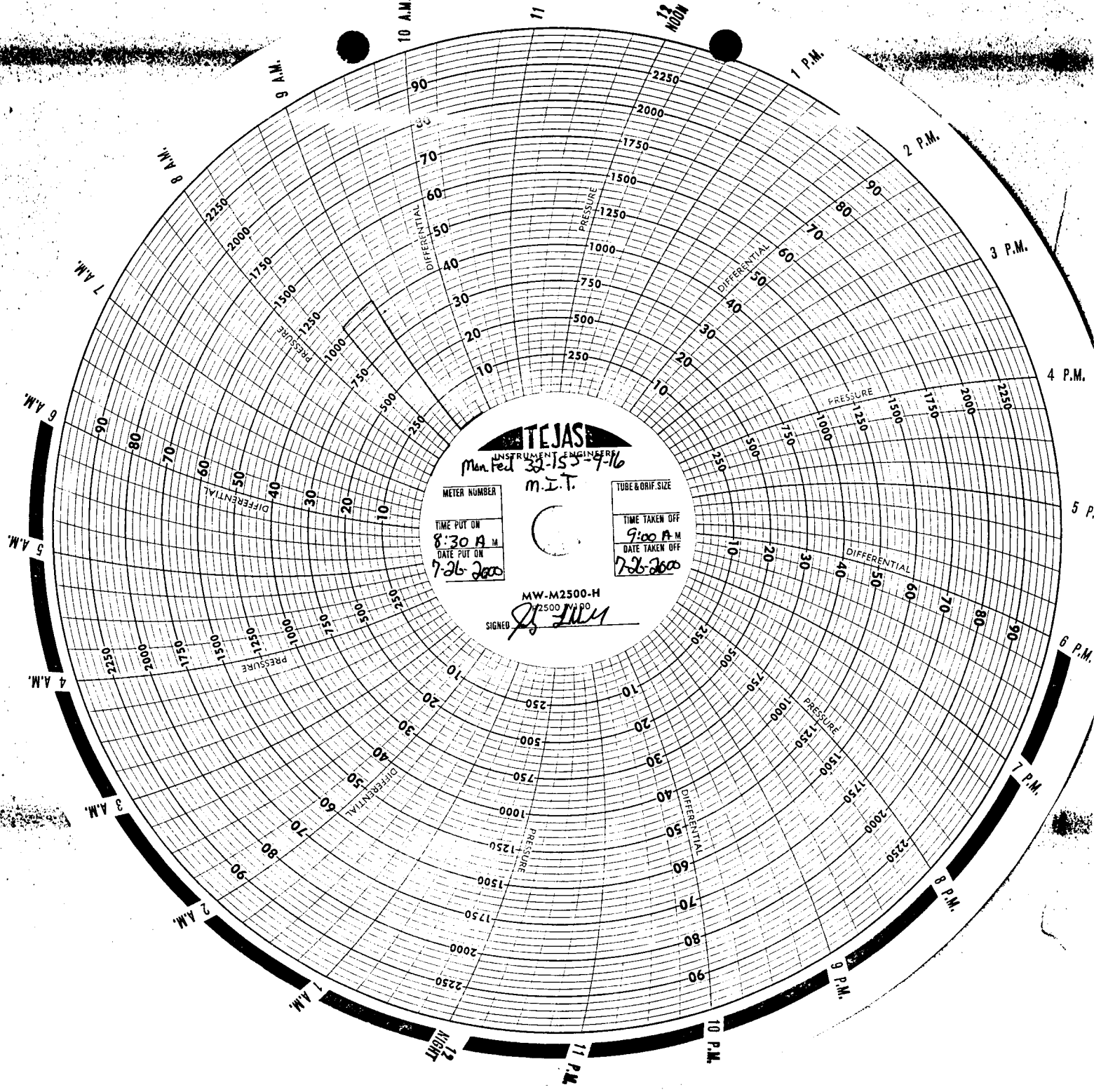
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____



TEJAS
INSTRUMENT ENGINEERS
Mon. Feb 22-155-9-16
M.I.T.

METER NUMBER
TIME PUT ON
8:30 A.M.
DATE PUT ON
7-26-2000

TUBE & ORIF. SIZE
TIME TAKEN OFF
9:00 A.M.
DATE TAKEN OFF
7-26-2000

MW-M2500-H
2500 V.M. 90
SIGNED *[Signature]*



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare



Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List		API Number
Location of Well		Field or Unit Name See Attached List
Footage :	County :	Lease Designation and Number
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 9/1/2004

CURRENT OPERATOR

Company: Inland Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: (303) 893-0102
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

NEW OPERATOR

Company: Newfield Production Company
Address: 1401 17th Street Suite 1000
city Denver state Co zip 80202
Phone: _____
Comments:

Name: Brian Harris
Signature: *Brian Harris*
Title: Engineering Tech.
Date: 9/15/2004

(This space for State use only)

Transfer approved by: *A. Hunt*
Title: *Perk. Services Manager*

Approval Date: 9-20-04Comments: Note: Indian Country wells will require EPA approval.RECEIVED
SEP 20 2004

DIV. OF OIL, GAS & MINING

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH

2. CDW

3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change**Merger**

The operator of the well(s) listed below has changed, effective:

9/1/2004**FROM: (Old Operator):**

N5160-Inland Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

TO: (New Operator):

N2695-Newfield Production Company

Route 3 Box 3630

Myton, UT 84052

Phone: 1-(435) 646-3721

CA No.**Unit:****JONAH (GREEN RIVER)****WELL(S)**

NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
MON FED 42-1J	01	090S	160E	4301331404	11492	Federal	WI	A
MON FED 43-11J	11	090S	160E	4301331002	11492	Federal	WI	A
WALTON FED 34-11	11	090S	160E	4301331003	11492	Federal	WI	A
MON FED 23-11J	11	090S	160E	4301331369	11492	Federal	WI	A
MON FED 14-11J	11	090S	160E	4301331374	11492	Federal	WI	A
MON FED 32-11J	11	090S	160E	4301331386	11492	Federal	WI	A
MON FED 41-15	15	090S	160E	4301331367	11492	Federal	WI	A
MON FED 32-15J	15	090S	160E	4301331368	11492	Federal	WI	A
MON FED 23-15	15	090S	160E	4301331373	11492	Federal	WI	A
MON FED 13-5	05	090S	170E	4301331370	11492	Federal	WI	A
MON FED 24-5	05	090S	170E	4301331375	11492	Federal	WI	A
MONUMENT FED 23-5J	05	090S	170E	4301331383	11492	Federal	OW	P
MON FED 22-5	05	090S	170E	4301331384	11492	Federal	WI	A
MONUMENT FED 14-5	05	090S	170E	4301331385	11492	Federal	OW	P
ALLEN FED 31-6	06	090S	170E	4301331195	11492	Federal	WI	A
MONUMENT 33-6	06	090S	170E	4301331361	11492	Federal	WI	A
MON FED 11-6	06	090S	170E	4301331362	11492	Federal	WI	A
MON FED 24-6	06	090S	170E	4301331363	11492	Federal	WI	A
MON FED 42-6	06	090S	170E	4301331364	11492	Federal	WI	A
GETTY 7C	07	090S	170E	4301330961	11492	Federal	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/15/20042. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/20043. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/20054. Is the new operator registered in the State of Utah: YES Business Number: 755627-01435. If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: na/

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
2. The **FORMER** operator has requested a release of liability from their bond on: n/a*
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05

STATE OF UTAH
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

MAY 23 2005

DIV. OF OIL, GAS & MINING

INJECTION WELL - PRESSURE TEST

Test Date: <u>5/20/05</u>	Well Owner/Operator: <u>13w field</u>
Disposal Well: _____	Enhanced Recovery Well: <u>X</u> Other: _____
API No.: <u>43-013-31388</u>	Well Name/Number: <u>BMF 41-15 J</u>
Section: <u>15</u>	Township: <u>9S</u> Range: <u>16E</u>

Initial Conditions:

Tubing - Rate: 0 Pressure: 2050 psi

Casing/Tubing Annulus - Pressure: 1300 psi

Conditions During Test:

Time (Minutes)	Annulus Pressure	Tubing Pressure
0	<u>1300</u>	<u>2050</u>
5	<u>}</u>	<u>}</u>
10	<u>}</u>	<u>}</u>
15	<u>}</u>	<u>}</u>
20	<u>}</u>	<u>}</u>
25	<u>}</u>	<u>}</u>
30	<u>1300</u>	<u>2050</u>

Results: Pass/Fail

Conditions After Test:

Tubing Pressure: 2050 psi

Casing/Tubing Annulus Pressure: 1300 psi

REMARKS:

5 year test

[Signature]
Operator Representative

[Signature]
DOG M Witness

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU017985

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER ☐ Injection well

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
JONAH UNIT

2. NAME OF OPERATOR:
Newfield Production Company

8. WELL NAME and NUMBER:
MONUMENT FED 32-15J

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

9. API NUMBER:
4301331368

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1868 FNL 1993 FEL

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

COUNTY: Duchesne

QTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NE, 15, T9S, R16E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION SubDate

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of Work Completion:

07/20/2005

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/STOP)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLAIR

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: - 5 Year MIT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 7-13-05 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 7-15-05. On 7-15-05 the csg was pressured up to 1740 psig and charted for 30 minutes with 0 psi pressure loss. The well was injecting during the test. The tbg pressure was 1940 psig during the test. There was not a State representative available to witness the test. API# 43-013-31368.

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 06-01-05
By: [Signature]

DATE OF REPORT
8-2-05
[Signature]

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE

[Signature]

DATE 07/21/2005

(This space for State use only)

RECEIVED
JUL 26 2005

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 7/15/05 Time 9:00 am pm

Test Conducted by: Michael Hullinger

Others Present: _____

Well: Monument Fed. 32-BJ-9-16

Field: Monument Fed.

Well Location: SW NE, Sec. 15-T9S-R16E

API No: U-017985

43-013-31368

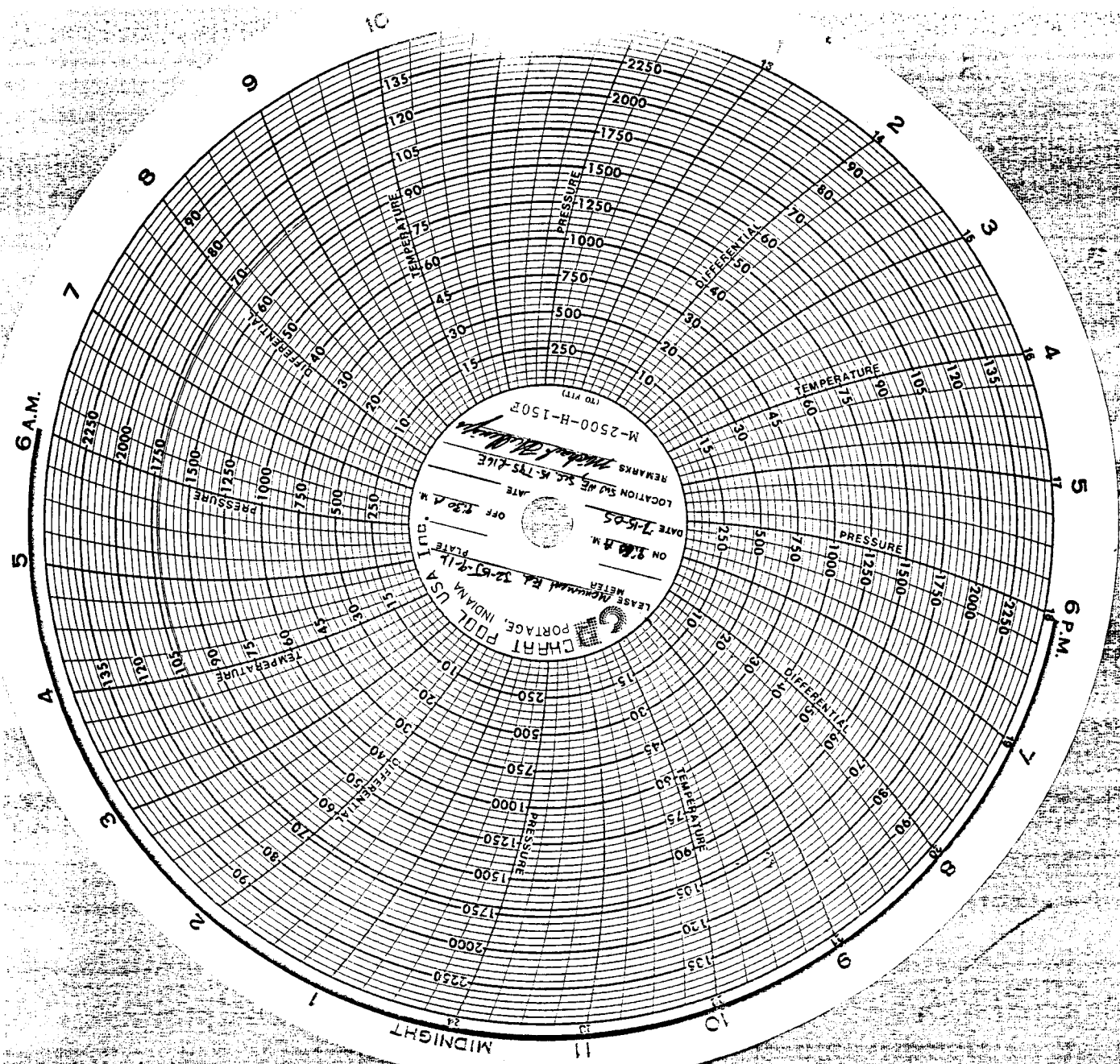
Time	Casing Pressure	
0 min	<u>1740</u>	psig
5	<u>1740</u>	psig
10	<u>1740</u>	psig
15	<u>1740</u>	psig
20	<u>1740</u>	psig
25	<u>1740</u>	psig
30 min	<u>1740</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1940 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: Michael Hullinger



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU017985

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER ☐ Injection well

8. WELL NAME and NUMBER:
MONUMENT FED 32-15J

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
4301331368

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1868 FNL 1993 FEL

COUNTY: Duchesne

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SW/NE, 15, T9S, R16E

STATE: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION SubDate

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of Work Completion:

07/20/2005

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/STOP)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLAIR

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: - 5 Year MIT

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 7-13-05 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5-year MIT on the above listed well. Permission was given at that time to perform the test on 7-15-05. On 7-15-05 the csg was pressured up to 1740 psig and charted for 30 minutes with 0 psi pressure loss. The well was injecting during the test. The tbg pressure was 1940 psig during the test. There was not a State representative available to witness the test. API# 43-013-31368.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 07-20-05
By: [Signature]

COPY SENT TO OPERATOR
Date: 8-2-05
Initials: [Signature]

NAME (PLEASE PRINT) Kathy Chapman

TITLE Office Manager

SIGNATURE

[Signature]

DATE 07/21/2005

(This space for State use only)

RECEIVED
JUL 26 2005

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 7/15/05 Time 9:00 am pm

Test Conducted by: Michael Hullinger

Others Present: _____

Well: Monument Fed. 32-BJ-9-16

Field: Monument Fed.

Well Location: SW NE, Sec. 15-T9S-R16E

API No: U-017985

43-013-31368

Time	Casing Pressure	
0 min	<u>1740</u>	psig
5	<u>1740</u>	psig
10	<u>1740</u>	psig
15	<u>1740</u>	psig
20	<u>1740</u>	psig
25	<u>1740</u>	psig
30 min	<u>1740</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1940 psig

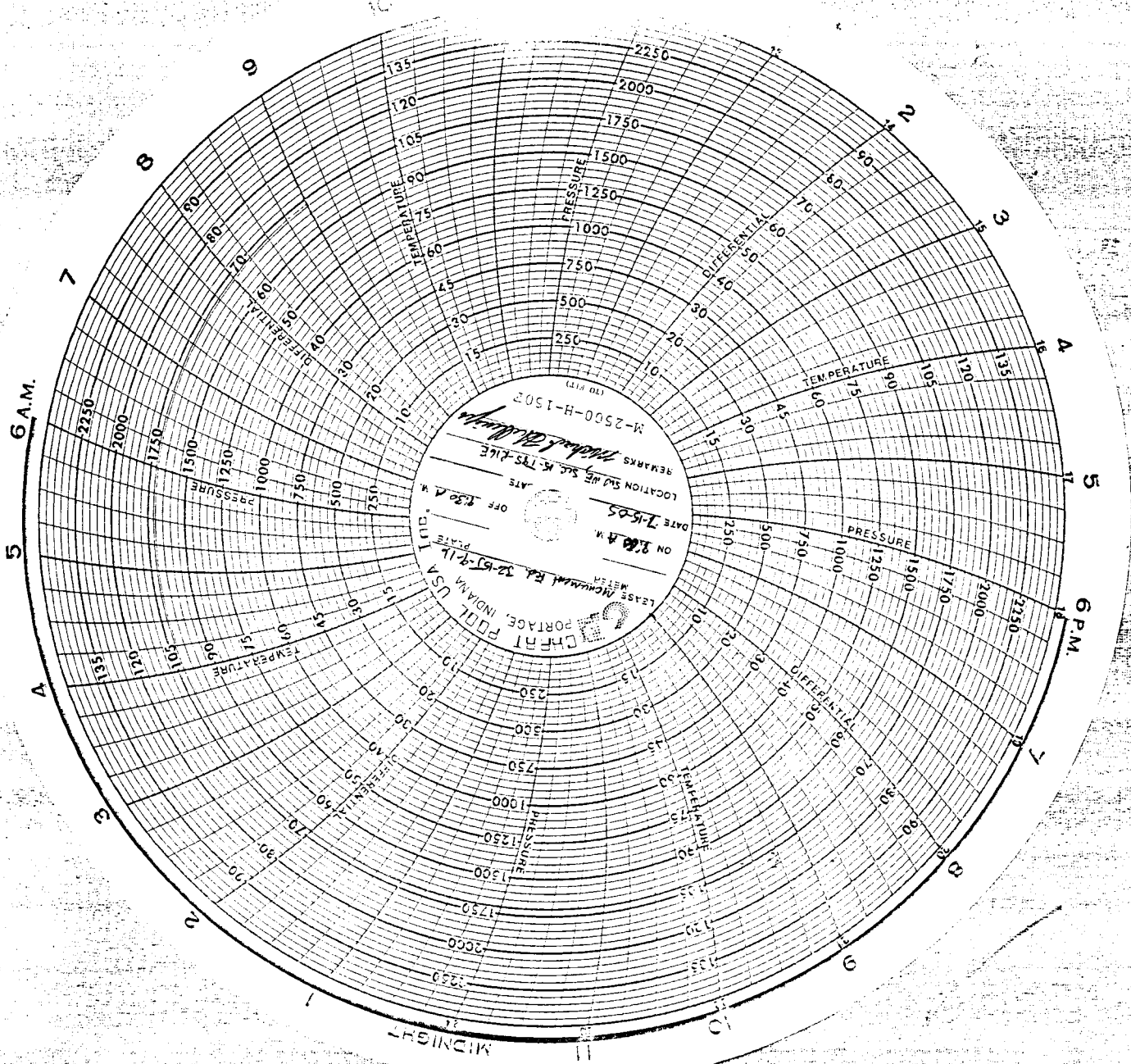
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Michael Hullinger



STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-017985
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1868 FNL 1993 FEL		8. WELL NAME and NUMBER: MONUMENT FED 32-15J
PHONE NUMBER 435.646.3721		9. API NUMBER: 4301331368
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 15, T9S, R16E		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: DUCHESNE
		STATE: UT


11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 06/21/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 06/17/2010 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. Permission was given at that time to perform the test on 06/17/2010. On 06/21/2010 the casing was pressured up to 1210 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1904 psig during the test. There was a State representative available to witness the test - Dennis Ingram.

API# 43-013-31368

NAME (PLEASE PRINT) <u>Lucy Chavez-Naupoto</u>	TITLE <u>Administrative Assistant</u>
SIGNATURE 	DATE <u>06/22/2010</u>

(This space for State use only)

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 6 / 21 / 10 Time 10:00 (am) pm

Test Conducted by: NEWFIELD Exploration

Others Present: _____

Well: MONUMENT Federal 32-15J-9-16

Field: MONUMENT BUTTE

Well Location: SW 1/4, Sec. 15, T9S, R16E

API No: 43-013-31368

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1210</u>	psig
5	<u>1210</u>	psig
10	<u>1210</u>	psig
15	<u>1210</u>	psig
20	<u>1210</u>	psig
25	<u>1210</u>	psig
30 min	<u>1210</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1904 psig

Result: Pass Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

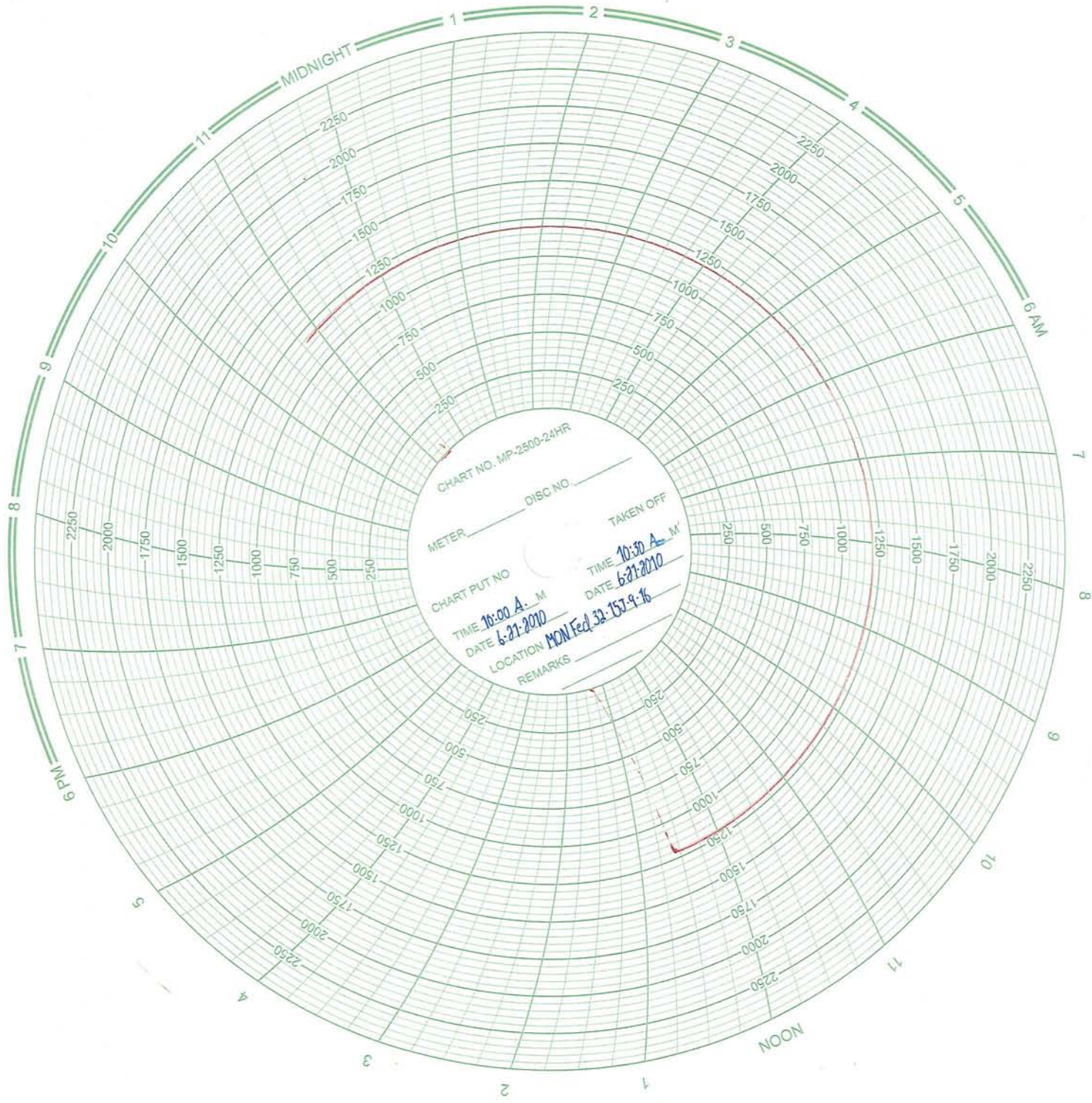


CHART NO. MP-2500-24HR
DISC NO. _____
METER _____ TAKEN OFF _____
CHART PUT NO. _____
TIME 10:00 A. M.
DATE 6-21-2010
LOCATION MONTEGUT, 32-153-9-16
REMARKS _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-017985
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: MON FED 32-15J
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013313680000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
3. ADDRESS OF OPERATOR: 435 646-4825 Ext		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1868 FNL 1993 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 15 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	OTHER: <input type="text" value="5 YR MIT"/>
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/21/2015				
<input type="checkbox"/> SPUD REPORT Date of Spud:				
<input type="checkbox"/> DRILLING REPORT Report Date:				

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 05/18/2015 Richard Powell with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 05/21/2015 the casing was pressured up to 1049 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1424 psig during the test. There was a State representative available to witness the test - Richard Powell.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 22, 2015

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 5/22/2015

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: Richard Powell Date 5/21/2015 Time 12:03 am pm
Test Conducted by: Dustin Bennett
Others Present: Richard Powell

Well: Bakken Mon unit Fed. 32-155-9-16 Field: Monument Butte

Well Location:

API No: 43-013-31368SW/NE, Sec. 15, T9S, R16E

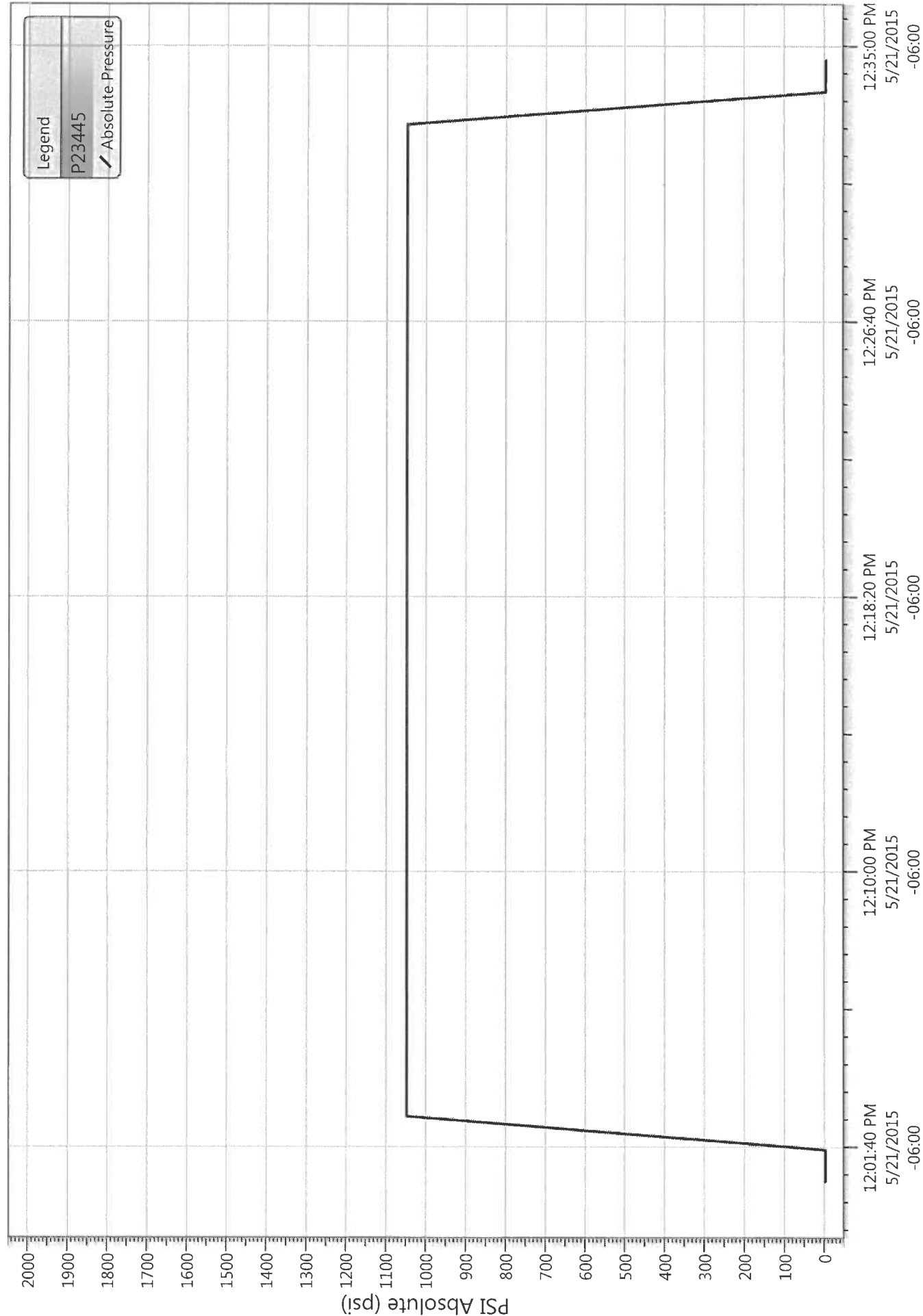
<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1047</u>	psig
5	<u>1048</u>	psig
10	<u>1048</u>	psig
15	<u>1048</u>	psig
20	<u>1049</u>	psig
25	<u>1049</u>	psig
30 min	<u>1047</u>	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1424 psigResult: Pass Fail

Signature of Witness:

Signature of Person Conducting Test:

Balcron Mon. Fed 32-15J-9-16 (5 yr mit 5-21-2015)
5/21/2015 11:59:18 AM



Monument Federal 32-15J-9-16

Spud Date: 10/02/93
Put on Production: 11/20/93
Put on Injection: 11/11/94
GL: 5681' KB: 5691'

Initial Production: 20 BOPD,
120 MCFD, 0 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 6 jts. (268.89')
DEPTH LANDED: 276.69' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 150 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: K-55
WEIGHT: 15.5#
LENGTH: 129 jts. (5608.14')
DEPTH LANDED: 5602.14'
HOLE SIZE: 7-7/8"
CEMENT DATA: 113 sxs Hi-Lift & 249 sxs Class "G".
CEMENT TOP AT: 3100' per CBL

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
NO. OF JOINTS: 149 jts (4592.73')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4603.83' KB
2 7/8" x 2 3/8" CROSSOVER: 4604.43' KB
PACKER: 4610.63' KB
TOTAL STRING LENGTH: EOT @ 4610.63'

FRAC JOB

10/25/93	5496'-5498'	Acidize zone as follows: 250 gal. 15% HCl.
10/27/93	5454'-5456'	Acidize zone as follows: 250 gal. 15% HCl.
10/28/93	4718'-4736'	Frac zone as follows: 28,000# 20/40 sand in 335 bbl 2% KCl. Avg. treating press. 2100 psi @ 20 BPM. ISIP 1800 psi. Calc. flush: 4718 gal. Actual flush: 474 gal.
07-15-05		5 YR MIT
9-16-08		Zone Stimulation. Updated tubing details.
06/21/10		5 YR MIT

Cement Top @ 3100'

Packer @ 4610'

4718'-4720'

4726'-4731'

4733'-4736'

5454'-5456'

5496'-5498'

PBTD @ 5556'
TD @ 5610'

PERFORATION RECORD

10/25/93	5496'-5498'	2 JSPF	04 holes
10/26/93	5496'-5498'	2 JSPF	04 holes
10/26/93	5454'-5456'	2 JSPF	08 holes
10/27/93	4733'-4736'	2 JSPF	06 holes
10/27/93	4726'-4731'	2 JSPF	10 holes
10/27/93	4718'-4720'	2 JSPF	04 holes

NEWFIELD

Monument Fed. 32-15-9-16

1868' FNL & 1993' FEL

SWNE Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-31368; Lease #UTU-017985